

APPENDIX G

STATISTICAL SUPPORT FOR PATTERN ANALYSIS 2:
DRG ANALYSIS BY MORBIDITY ODDS RATIO METHOD
LOMPOC VS. COMPARISON COUNTIES
1991-1994
ALL AGES

**STATISTICAL SUPPORT FOR PATTERN ANALYSIS 2: DRG ANALYSIS BY MORBIDITY ODDS
RATIO METHOD, LOMPOC VS. COMPARISON COUNTIES, 1991-1994, ALL AGES**

**CASE REFERENT DATA – CIRCULATORY, DIGESTIVE, AND TRAUMA CONTROLS
LOMPOC VERSUS SB-LOM, SLO, VENTURA, MENDOCINO, AND HUMBOLDT+DEL NORTE**

Panel 1 – Definitions and summary

DRG DISCHARGE CATEGORIES	Lompoc	SB-Lompoc	SLO Co.	Ventura Co	Mendocino	Hum&Del N
Bronchitis and asthma	602	1,560	1,390	5,104	706	1,185
Interstitial lung disease	24	89	43	136	22	39
Otitis media and URD	61	238	207	517	68	116
Abnormal birth outcomes	1,077	4,006	2,965	17,600	1,658	1,892
Non-therapeutic abortions	29	179	184	757	24	77
Female reproductive malignancy	37	201	113	348	59	89
Pleurisy and pneumonia	474	2,811	2,381	5,617	1,175	1,848
Kidney neoplasm	34	210	147	360	51	88
Male reproductive malignancy	6	30	37	50	10	13
Myeloproliferative disease	15	97	65	197	31	27
Nervous system malignancy	35	255	197	431	71	111
Female breast cancer	98	651	502	1,307	201	297
Respiratory malignancy	68	426	349	888	208	220
Seizures and headaches	114	895	798	1,698	226	364
Digestive cancer	22	238	131	393	75	86
Chronic obstructive pulmon dis.	126	968	788	2,089	457	782
Respiratory infection and inflamm	88	777	559	1,936	414	591
Lymphomas	53	410	269	886	151	194

Panel 2 – Morbidity Odds Ratio (MOR) control series

DISEASE ICD-9 CODES	Lompoc	SB-Lompoc	SLO Co.	Ventura Co	Mendocino	Hum&Del N
I. MOR control series						
Circulatory	2,421	14,851	12,594	30,793	5,841	9,548
Digestive	1,469	9,607	7,041	19,726	3,132	5,856
Trauma	1,827	10,855	8,617	23,860	3,555	7,804

Panel 3 – Statistical support

1) Prog 1 – bronchitis and asthma

+ Disease -	Analysis of Single Table
+-----+-----+	Odds ratio = 2.37 (2.13 <OR< 2.63)
+ 602 2421 3023	Cornfield 95% confidence limits for OR
+-----+-----+	Relative risk = 2.09 (1.92 <RR< 2.28)
- 1560 14851 16411	Taylor Series 95% confidence limits for RR
+-----+-----+	Ignore relative risk if case control study.
E 2162 17272 19434	
x	Chi-Squares
p	P-values
o	Uncorrected : 279.70 0.0000000 ---
s	Mantel-Haenszel: 279.68 0.0000000 ---
u	Yates corrected: 278.64 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.52 (2.26 <OR< 2.82)
+| 602 | 1469 | 2071 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.08 (1.92 <RR< 2.26)
-| 1560 | 9607 | 11167 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2162 11076 13238

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 291.45	0.0000000 ---
s	Mantel-Haenszel: 291.42	0.0000000 ---
u	Yates corrected: 290.34	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.29 (2.06 <OR< 2.55)
+| 602 | 1827 | 2429 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.97 (1.81 <RR< 2.14)
-| 1560 | 10855 | 12415 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2162 12682 14844

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 243.73	0.0000000 ---
s	Mantel-Haenszel: 243.72	0.0000000 ---
u	Yates corrected: 242.75	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.25 (2.03 <OR< 2.51)
+| 602 | 2421 | 3023 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.00 (1.84 <RR< 2.19)
-| 1390 | 12594 | 13984 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 1992 15015 17007

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 239.13	0.0000000 ---
s	Mantel-Haenszel: 239.11	0.0000000 ---
u	Yates corrected: 238.16	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.08 (1.85 <OR< 2.32)
+| 602 | 1469 | 2071 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.76 (1.62 <RR< 1.92)
-| 1390 | 7041 | 8431 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 1992 8510 10502

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 171.22	0.0000000 ---
s	Mantel-Haenszel: 171.21	0.0000000 ---
u	Yates corrected: 170.41	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.04 (1.83 <OR< 2.28)
+| 602 | 1827 | 2429 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.78 (1.64 <RR< 1.94)
-| 1390 | 8617 | 10007 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 1992 10444 12436

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 172.42	0.0000000 ---
s	Mantel-Haenszel: 172.41	0.0000000 ---
u	Yates corrected: 171.62	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.50 (1.36 <OR< 1.65)
+| 602 | 2421 | 3023 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.40 (1.30 <RR< 1.51)
-| 5104 | 30793 | 35897 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 5706 33214 38920

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 72.29	0.0000000 ---
s	Mantel-Haenszel: 72.29	0.0000000 ---
u	Yates corrected: 71.84	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.58 (1.43 <OR< 1.75)
+| 602 | 1469 | 2071 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.41 (1.32 <RR< 1.52)
-| 5104 | 19726 | 24830 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 5706 21195 26901

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 82.88	0.0000000 ---
s	Mantel-Haenszel: 82.88	0.0000000 ---
u	Yates corrected: 82.37	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.54 (1.40 <OR< 1.70)
+| 602 | 1827 | 2429 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.41 (1.31 <RR< 1.51)
-| 5104 | 23860 | 28964 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 5706 25687 31393

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 77.29	0.0000000 ---
s	Mantel-Haenszel: 77.29	0.0000000 ---
u	Yates corrected: 76.81	0.0000000 ---

Illness Indicators in Lompoc, California

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 2.06 (1.82 <OR< 2.32)		
+ 602 2421 3023			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.85 (1.67 <RR< 2.04)		
- 706 5841 6547			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 1308 8262 9570

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 146.11	0.0000000 ---
s			Mantel-Haenszel: 146.10	0.0000000 ---
u			Yates corrected: 145.34	0.0000000 ---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.82 (1.60 <OR< 2.06)		
+ 602 1469 2071			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.58 (1.44 <RR< 1.74)		
- 706 3132 3838			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 1308 4601 5909

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 88.90	0.0000000 ---
s			Mantel-Haenszel: 88.89	0.0000000 ---
u			Yates corrected: 88.29	0.0000000 ---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.66 (1.47 <OR< 1.88)		
+ 602 1827 2429			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.50 (1.36 <RR< 1.65)		
- 706 3555 4261			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 1308 5382 6690

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 66.38	0.0000000 ---
s			Mantel-Haenszel: 66.37	0.0000000 ---
u			Yates corrected: 65.86	0.0000000 ---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 2.00 (1.80 <OR< 2.23)		
+ 602 2421 3023			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.80 (1.65 <RR< 1.97)		
- 1185 9548 10733			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 1787 11969 13756

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 164.30	0.0000000 ---
s			Mantel-Haenszel: 164.29	0.0000000 ---
u			Yates corrected: 163.52	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.03 (1.80 <OR< 2.27)
+| 602 | 1469 | 2071 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.73 (1.59 <RR< 1.88)
-| 1185 | 5856 | 7041 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1787 7325 9112

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	152.03 0.0000000 ---
s	Mantel-Haenszel:	152.01 0.0000000 ---
u	Yates corrected:	151.25 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.17 (1.94 <OR< 2.43)
+| 602 | 1827 | 2429 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.88 (1.72 <RR< 2.05)
-| 1185 | 7804 | 8989 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1787 9631 11418

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	194.95 0.0000000 ---
s	Mantel-Haenszel:	194.94 0.0000000 ---
u	Yates corrected:	194.08 0.0000000 ---

2) PROGRAM 2 – INTERSTITIAL LUNG DISEASE

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.65 (1.02 <OR< 2.65)
+| 24 | 2421 | 2445 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.65 (1.05 <RR< 2.58)
-| 89 | 14851 | 14940 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 113 17272 17385

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	4.84 0.0277279 ---
s	Mantel-Haenszel:	4.84 0.0277324 ---
u	Yates corrected:	4.27 0.0388876 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.76 (1.09 <OR< 2.83)
+| 24 | 1469 | 1493 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.75 (1.12 <RR< 2.74)
-| 89 | 9607 | 9696 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 113 11076 11189

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	6.15 0.0131098 ---
s	Mantel-Haenszel:	6.15 0.0131139 ---
u	Yates corrected:	5.48 0.0191939 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.60 (0.99 <OR< 2.57)
 +| 24 | 1827 | 1851 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.59 (1.02 <RR< 2.50)
 -| 89 | 10855 | 10944 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 113 12682 12795
 x Chi-Squares P-values
 p -----
 o Uncorrected : 4.23 0.0398141 ---
 s Mantel-Haenszel: 4.23 0.0398219 ---
 u Yates corrected: 3.69 0.0546860

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 2.90 (1.71 <OR< 4.92)
 +| 24 | 2421 | 2445 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 2.88 (1.75 <RR< 4.74)
 -| 43 | 12594 | 12637 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 67 15015 15082
 x Chi-Squares P-values
 p -----
 o Uncorrected : 19.05 0.0000127 ---
 s Mantel-Haenszel: 19.05 0.0000127 ---
 u Yates corrected: 17.63 0.0000268 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 2.68 (1.57 <OR< 4.54)
 +| 24 | 1469 | 1493 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 2.65 (1.61 <RR< 4.35)
 -| 43 | 7041 | 7084 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 67 8510 8577
 x Chi-Squares P-values
 p -----
 o Uncorrected : 15.93 0.0000659 ---
 s Mantel-Haenszel: 15.92 0.0000659 ---
 u Yates corrected: 14.66 0.0001287 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 2.63 (1.55 <OR< 4.46)
 +| 24 | 1827 | 1851 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 2.61 (1.59 <RR< 4.29)
 -| 43 | 8617 | 8660 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 67 10444 10511
 x Chi-Squares P-values
 p -----
 o Uncorrected : 15.41 0.0000864 ---
 s Mantel-Haenszel: 15.41 0.0000865 ---
 u Yates corrected: 14.18 0.0001666 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.24 (1.42 <OR< 3.53)
+| 24 | 2421 | 2445 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.23 (1.45 <RR< 3.44)
-| 136 | 30793 | 30929 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 160 33214 33374

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 13.94	0.0001882 ---
s	Mantel-Haenszel: 13.94	0.0001883 ---
u	Yates corrected: 12.83	0.0003407 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.37 (1.49 <OR< 3.73)
+| 24 | 1469 | 1493 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.35 (1.53 <RR< 3.61)
-| 136 | 19726 | 19862 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 160 21195 21355

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 15.90	0.0000667 ---
s	Mantel-Haenszel: 15.90	0.0000668 ---
u	Yates corrected: 14.68	0.0001271 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.30 (1.45 <OR< 3.63)
+| 24 | 1827 | 1851 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.29 (1.49 <RR< 3.52)
-| 136 | 23860 | 23996 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 160 25687 25847

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 14.88	0.0001146 ---
s	Mantel-Haenszel: 14.88	0.0001147 ---
u	Yates corrected: 13.72	0.0002126 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.63 (1.42 <OR< 4.88)
+| 24 | 2421 | 2445 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.62 (1.47 <RR< 4.66)
-| 22 | 5841 | 5863 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 46 8262 8308

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 11.52	0.0006879 ---
s	Mantel-Haenszel: 11.52	0.0006884 ---
u	Yates corrected: 10.45	0.0012287 ---

+ Disease -
+-----+-----+
+| 24 | 1469 | 1493
+-----+-----+
-| 22 | 3132 | 3154
+-----+-----+
E 46 4601 4647

Analysis of Single Table
Odds ratio = 2.33 (1.25 <OR< 4.32)
Cornfield 95% confidence limits for OR
Relative risk = 2.30 (1.30 <RR< 4.10)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x
p
o
s
u

	Chi-Squares	P-values
Uncorrected :	8.56	0.0034337 ---
Mantel-Haenszel:	8.56	0.0034372 ---
Yates corrected:	7.66	0.0056519 ---

+ Disease -
+-----+-----+
+| 24 | 1827 | 1851
+-----+-----+
-| 22 | 3555 | 3577
+-----+-----+
E 46 5382 5428

Analysis of Single Table
Odds ratio = 2.12 (1.15 <OR< 3.94)
Cornfield 95% confidence limits for OR
Relative risk = 2.11 (1.19 <RR< 3.75)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x
p
o
s
u

	Chi-Squares	P-values
Uncorrected :	6.74	0.0094105 ---
Mantel-Haenszel:	6.74	0.0094171 ---
Yates corrected:	5.96	0.0146632 ---

+ Disease -
+-----+-----+
+| 24 | 2421 | 2445
+-----+-----+
-| 39 | 9548 | 9587
+-----+-----+
E 63 11969 12032

Analysis of Single Table
Odds ratio = 2.43 (1.41 <OR< 4.15)
Cornfield 95% confidence limits for OR
Relative risk = 2.41 (1.45 <RR< 4.00)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x
p
o
s
u

	Chi-Squares	P-values
Uncorrected :	12.36	0.0004393 ---
Mantel-Haenszel:	12.36	0.0004395 ---
Yates corrected:	11.28	0.0007841 ---

+ Disease -
+-----+-----+
+| 24 | 1469 | 1493
+-----+-----+
-| 39 | 5856 | 5895
+-----+-----+
E 63 7325 7388

Analysis of Single Table
Odds ratio = 2.45 (1.43 <OR< 4.20)
Cornfield 95% confidence limits for OR
Relative risk = 2.43 (1.47 <RR< 4.03)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x
p
o
s
u

	Chi-Squares	P-values
Uncorrected :	12.61	0.0003842 ---
Mantel-Haenszel:	12.61	0.0003845 ---
Yates corrected:	11.51	0.0006909 ---

+ Disease -			Analysis of Single Table		
+	24	1827	1851	Odds ratio = 2.63 (1.53 <OR< 4.50)	
-	39	7804	7843	Cornfield 95% confidence limits for OR	
E	63	9631	9694	Relative risk = 2.61 (1.57 <RR< 4.32)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o				Chi-Squares P-values	
s				----- -----	
u				Uncorrected : 14.82 0.0001183 ---	
				Mantel-Haenszel: 14.82 0.0001184 ---	
				Yates corrected: 13.61 0.0002253 ---	

3) PROG 3 – OTITIS MEDIA AND UPPER RESPIRATORY DISEASE

+ Disease -			Analysis of Single Table		
+	61	2421	2482	Odds ratio = 1.57 (1.17 <OR< 2.11)	
-	238	14851	15089	Cornfield 95% confidence limits for OR	
E	299	17272	17571	Relative risk = 1.56 (1.18 <RR< 2.06)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o				Chi-Squares P-values	
s				----- -----	
u				Uncorrected : 9.88 0.0016742 ---	
				Mantel-Haenszel: 9.88 0.0016748 ---	
				Yates corrected: 9.36 0.0022214 ---	

+ Disease -			Analysis of Single Table		
+	61	1469	1530	Odds ratio = 1.68 (1.25 <OR< 2.25)	
-	238	9607	9845	Cornfield 95% confidence limits for OR	
E	299	11076	11375	Relative risk = 1.65 (1.25 <RR< 2.17)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o				Chi-Squares P-values	
s				----- -----	
u				Uncorrected : 12.74 0.0003572 ---	
				Mantel-Haenszel: 12.74 0.0003574 ---	
				Yates corrected: 12.14 0.0004940 ---	

+ Disease -			Analysis of Single Table		
+	61	1827	1888	Odds ratio = 1.52 (1.13 <OR< 2.04)	
-	238	10855	11093	Cornfield 95% confidence limits for OR	
E	299	12682	12981	Relative risk = 1.51 (1.14 <RR< 1.99)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o				Chi-Squares P-values	
s				----- -----	
u				Uncorrected : 8.45 0.0036562 ---	
				Mantel-Haenszel: 8.45 0.0036576 ---	
				Yates corrected: 7.97 0.0047516 ---	

Illness Indicators in Lompoc, California

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.53 (1.14 <OR< 2.06)		
+ 61 2421 2482			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.52 (1.15 <RR< 2.02)		
- 207 12594 12801			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 268 15015 15283

			Chi-Squares	P-values
x			-----	-----
p				
o	Uncorrected :	8.53	0.0034987	---
s	Mantel-Haenszel:	8.53	0.0034998	---
u	Yates corrected:	8.05	0.0045597	---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.41 (1.04 <OR< 1.91)		
+ 61 1469 1530			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.40 (1.05 <RR< 1.85)		
- 207 7041 7248			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 268 8510 8778

			Chi-Squares	P-values
x			-----	-----
p				
o	Uncorrected :	5.46	0.0194638	---
s	Mantel-Haenszel:	5.46	0.0194708	---
u	Yates corrected:	5.08	0.0241484	---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.39 (1.03 <OR< 1.87)		
+ 61 1827 1888			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.38 (1.04 <RR< 1.82)		
- 207 8617 8824			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 268 10444 10712

			Chi-Squares	P-values
x			-----	-----
p				
o	Uncorrected :	4.99	0.0254302	---
s	Mantel-Haenszel:	4.99	0.0254370	---
u	Yates corrected:	4.64	0.0312695	---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 1.50 (1.14 <OR< 1.98)		
+ 61 2421 2482			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 1.49 (1.15 <RR< 1.93)		
- 517 30793 31310			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 578 33214 33792

			Chi-Squares	P-values
x			-----	-----
p				
o	Uncorrected :	8.90	0.0028571	---
s	Mantel-Haenszel:	8.90	0.0028575	---
u	Yates corrected:	8.42	0.0037044	---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.58 (1.20 <OR< 2.09)
+| 61 | 1469 | 1530 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.56 (1.20 <RR< 2.03)
-| 517 | 19726 | 20243 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 578 21195 21773

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 11.30	0.0007739 ---
s	Mantel-Haenszel: 11.30	0.0007741 ---
u	Yates corrected: 10.76	0.0010399 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.54 (1.17 <OR< 2.03)
+| 61 | 1827 | 1888 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.52 (1.17 <RR< 1.98)
-| 517 | 23860 | 24377 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 578 25687 26265

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 10.03	0.0015377 ---
s	Mantel-Haenszel: 10.03	0.0015380 ---
u	Yates corrected: 9.52	0.0020283 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.16 (1.51 <OR< 3.11)
+| 61 | 2421 | 2482 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.14 (1.52 <RR< 3.01)
-| 68 | 5841 | 5909 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 129 8262 8391

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 19.72	0.0000090 ---
s	Mantel-Haenszel: 19.72	0.0000090 ---
u	Yates corrected: 18.87	0.0000140 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.91 (1.33 <OR< 2.76)
+| 61 | 1469 | 1530 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.88 (1.34 <RR< 2.64)
-| 68 | 3132 | 3200 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 129 4601 4730

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 13.53	0.0002352 ---
s	Mantel-Haenszel: 13.52	0.0002356 ---
u	Yates corrected: 12.83	0.0003404 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.75 (1.21 <OR< 2.51)
+| 61 | 1827 | 1888 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.72 (1.22 <RR< 2.42)
-| 68 | 3555 | 3623 Taylor Series 95% confidence limits for RR
+-----+-----+
E 129 5382 5511 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 9.95	0.0016044 ---
s	Mantel-Haenszel: 9.95	0.0016060 ---
u	Yates corrected: 9.37	0.0022043 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.07 (1.50 <OR< 2.87)
+| 61 | 2421 | 2482 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.05 (1.51 <RR< 2.78)
-| 116 | 9548 | 9664 Taylor Series 95% confidence limits for RR
+-----+-----+
E 177 11969 12146 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 21.74	0.0000031 ---
s	Mantel-Haenszel: 21.74	0.0000031 ---
u	Yates corrected: 20.87	0.0000049 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.10 (1.51 <OR< 2.91)
+| 61 | 1469 | 1530 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.05 (1.51 <RR< 2.78)
-| 116 | 5856 | 5972 Taylor Series 95% confidence limits for RR
+-----+-----+
E 177 7325 7502 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 22.10	0.0000026 ---
s	Mantel-Haenszel: 22.10	0.0000026 ---
u	Yates corrected: 21.22	0.0000041 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.25 (1.62 <OR< 3.11)
+| 61 | 1827 | 1888 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.21 (1.62 <RR< 3.00)
-| 116 | 7804 | 7920 Taylor Series 95% confidence limits for RR
+-----+-----+
E 177 9631 9808 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 26.84	0.0000002 ---
s	Mantel-Haenszel: 26.84	0.0000002 ---
u	Yates corrected: 25.85	0.0000004 ---

4) PROG 4 – ABNORMAL BIRTH OUTCOMES

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.65 (1.52 <OR< 1.79)
+| 1077 | 2421 | 3498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.45 (1.37 <RR< 1.53)
-| 4006 | 14851 | 18857 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 5083 17272 22355

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 153.02	0.0000000 ---
s	Mantel-Haenszel:	153.01 0.0000000 ---
u	Yates corrected:	152.48 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.76 (1.61 <OR< 1.92)
+| 1077 | 1469 | 2546 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.44 (1.36 <RR< 1.51)
-| 4006 | 9607 | 13613 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 5083 11076 16159

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 164.87	0.0000000 ---
s	Mantel-Haenszel:	164.86 0.0000000 ---
u	Yates corrected:	164.27 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.49 (1.37 <OR< 1.63)
+| 1007 | 1827 | 2834 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.32 (1.25 <RR< 1.39)
-| 4006 | 10855 | 14861 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 5013 12682 17695

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 86.22	0.0000000 ---
s	Mantel-Haenszel:	86.22 0.0000000 ---
u	Yates corrected:	85.80 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.89 (1.74 <OR< 2.05)
+| 1077 | 2421 | 3498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.62 (1.52 <RR< 1.71)
-| 2965 | 12594 | 15559 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 4042 15015 19057

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 235.24	0.0000000 ---
s	Mantel-Haenszel:	235.23 0.0000000 ---
u	Yates corrected:	234.54 0.0000000 ---

Illness Indicators in Lompoc, California

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 1.74 (1.59 <OR< 1.91)	
+ 1077 1469 2546	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 1.43 (1.35 <RR< 1.51)	
- 2965 7041 10006	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	
E 4042 8510 12552		
x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 149.22	0.0000000 ---
s	Mantel-Haenszel:	149.21 0.0000000 ---
u	Yates corrected:	148.64 0.0000000 ---

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 1.71 (1.57 <OR< 1.87)	
+ 1077 1827 2904	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 1.45 (1.37 <RR< 1.53)	
- 2965 8617 11582	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	
E 4042 10444 14486		
x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 152.28	0.0000000 ---
s	Mantel-Haenszel:	152.27 0.0000000 ---
u	Yates corrected:	151.71 0.0000000 ---

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 0.78 (0.72 <OR< 0.84)	
+ 1077 2421 3498	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 0.85 (0.80 <RR< 0.89)	
- 17600 30793 48393	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	
E 18677 33214 51891		
x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 44.09	0.0000000 ---
s	Mantel-Haenszel:	44.09 0.0000000 ---
u	Yates corrected:	43.85 0.0000000 ---

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 0.82 (0.76 <OR< 0.89)	
+ 1077 1469 2546	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 0.90 (0.86 <RR< 0.94)	
- 17600 19726 37326	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	
E 18677 21195 39872		
x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 22.52	0.0000021 ---
s	Mantel-Haenszel:	22.52 0.0000021 ---
u	Yates corrected:	22.33 0.0000023 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.80 (0.74 <OR< 0.86)
+| 1077 | 1827 | 2904 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.87 (0.83 <RR< 0.92)
-| 17600 | 23860 | 41460 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 18677 25687 44364

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 32.03	0.0000000 ---
s	Mantel-Haenszel: 32.03	0.0000000 ---
u	Yates corrected: 31.81	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.57 (1.43 <OR< 1.72)
+| 1077 | 2421 | 3498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.39 (1.30 <RR< 1.49)
-| 1658 | 5841 | 7499 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2735 8262 10997

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 96.17	0.0000000 ---
s	Mantel-Haenszel: 96.16	0.0000000 ---
u	Yates corrected: 95.71	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.38 (1.25 <OR< 1.53)
+| 1077 | 1469 | 2546 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.22 (1.15 <RR< 1.30)
-| 1658 | 3132 | 4790 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2735 4601 7336

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 42.02	0.0000000 ---
s	Mantel-Haenszel: 42.01	0.0000000 ---
u	Yates corrected: 41.69	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.26 (1.15 <OR< 1.39)
+| 1077 | 1827 | 2904 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.17 (1.10 <RR< 1.24)
-| 1658 | 3555 | 5213 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2735 5382 8117

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 23.29	0.0000014 ---
s	Mantel-Haenszel: 23.28	0.0000014 ---
u	Yates corrected: 23.05	0.0000016 ---

Illness Indicators in Lompoc, California

+ Disease -	Analysis of Single Table		
+-----+-----+	Odds ratio = 2.24 (2.06 <OR< 2.45)		
+ 1077 2421 3498	Cornfield 95% confidence limits for OR		
+-----+-----+	Relative risk = 1.86 (1.75 <RR< 1.99)		
- 1892 9548 11440	Taylor Series 95% confidence limits for RR		
+-----+-----+	Ignore relative risk if case control study.		
E 2969 11969 14938			
x	Chi-Squares	P-values	
p	-----	-----	
o	Uncorrected : 341.61	0.0000000	---
s	Mantel-Haenszel: 341.59	0.0000000	---
u	Yates corrected: 340.72	0.0000000	---
+ Disease -	Analysis of Single Table		
+-----+-----+	Odds ratio = 2.27 (2.06 <OR< 2.50)		
+ 1077 1469 2546	Cornfield 95% confidence limits for OR		
+-----+-----+	Relative risk = 1.73 (1.63 <RR< 1.84)		
- 1892 5856 7748	Taylor Series 95% confidence limits for RR		
+-----+-----+	Ignore relative risk if case control study.		
E 2969 7325 10294			
x	Chi-Squares	P-values	
p	-----	-----	
o	Uncorrected : 298.59	0.0000000	---
s	Mantel-Haenszel: 298.56	0.0000000	---
u	Yates corrected: 297.71	0.0000000	---
+ Disease -	Analysis of Single Table		
+-----+-----+	Odds ratio = 2.43 (2.22 <OR< 2.66)		
+ 1077 1827 2904	Cornfield 95% confidence limits for OR		
+-----+-----+	Relative risk = 1.90 (1.79 <RR< 2.02)		
- 1892 7804 9696	Taylor Series 95% confidence limits for RR		
+-----+-----+	Ignore relative risk if case control study.		
E 2969 9631 12600			
x	Chi-Squares	P-values	
p	-----	-----	
o	Uncorrected : 383.18	0.0000000	---
s	Mantel-Haenszel: 383.15	0.0000000	---
u	Yates corrected: 382.20	0.0000000	---

5) PROG 5 – NON-THERAPEUTIC ABORTIONS

+ Disease -	Analysis of Single Table		
+-----+-----+	Odds ratio = 0.99 (0.66 <OR< 1.50)		
+ 29 2421 2450	Cornfield 95% confidence limits for OR		
+-----+-----+	Relative risk = 0.99 (0.67 <RR< 1.47)		
- 179 14851 15030	Taylor Series 95% confidence limits for RR		
+-----+-----+	Ignore relative risk if case control study.		
E 208 17272 17480			
x	Chi-Squares	P-values	
p	-----	-----	
o	Uncorrected : 0.00	0.9754240	
s	Mantel-Haenszel: 0.00	0.9754247	
u	Yates corrected: 0.00	0.9444650	

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.06 (0.70 <OR< 1.60)
+| 29 | 1469 | 1498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.06 (0.72 <RR< 1.56)
-| 179 | 9607 | 9786 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 208 11076 11284

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.08	0.7748006
s	Mantel-Haenszel: 0.08	0.7748103
u	Yates corrected: 0.03	0.8548202

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.96 (0.63 <OR< 1.45)
+| 29 | 1827 | 1856 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.96 (0.65 <RR< 1.42)
-| 179 | 10855 | 11034 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 208 12682 12890

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.04	0.8500607
s	Mantel-Haenszel: 0.04	0.8500665
u	Yates corrected: 0.01	0.9286967

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.82 (0.54 <OR< 1.23)
+| 29 | 2421 | 2450 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.82 (0.56 <RR< 1.21)
-| 184 | 12594 | 12778 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 213 15015 15228

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.98	0.3223976
s	Mantel-Haenszel: 0.98	0.3224135
u	Yates corrected: 0.80	0.3704438

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.76 (0.50 <OR< 1.14)
+| 29 | 1469 | 1498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.76 (0.52 <RR< 1.12)
-| 184 | 7041 | 7225 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 213 8510 8723

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.94	0.1633290
s	Mantel-Haenszel: 1.94	0.1633532
u	Yates corrected: 1.70	0.1929186

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.74 (0.49 <OR< 1.12)
 +| 29 | 1827 | 1856 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.75 (0.51 <RR< 1.10)
 -| 184 | 8617 | 8801 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 213 10444 10657
 x Chi-Squares P-values
 p -----
 o Uncorrected : 2.18 0.1395446
 s Mantel-Haenszel: 2.18 0.1395632
 u Yates corrected: 1.92 0.1656747

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.49 (0.33 <OR< 0.72)
 +| 29 | 2421 | 2450 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.49 (0.34 <RR< 0.71)
 -| 757 | 30793 | 31550 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 786 33214 34000
 x Chi-Squares P-values
 p -----
 o Uncorrected : 14.88 0.0001147 ---
 s Mantel-Haenszel: 14.88 0.0001147 ---
 u Yates corrected: 14.34 0.0001522 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.51 (0.35 <OR< 0.76)
 +| 29 | 1469 | 1498 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.52 (0.36 <RR< 0.76)
 -| 757 | 19726 | 20483 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 786 21195 21981
 x Chi-Squares P-values
 p -----
 o Uncorrected : 12.54 0.0003987 ---
 s Mantel-Haenszel: 12.54 0.0003988 ---
 u Yates corrected: 12.03 0.0005226 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.50 (0.34 <OR< 0.74)
 +| 29 | 1827 | 1856 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.51 (0.35 <RR< 0.73)
 -| 757 | 23860 | 24617 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 786 25687 26473
 x Chi-Squares P-values
 p -----
 o Uncorrected : 13.71 0.0002137 ---
 s Mantel-Haenszel: 13.71 0.0002137 ---
 u Yates corrected: 13.19 0.0002819 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.92 (1.64 <OR< 5.19)
+| 29 | 2421 | 2450 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.89 (1.69 <RR< 4.96)
-| 24 | 5841 | 5865 Taylor Series 95% confidence limits for RR
+-----+-----+
E 53 8262 8315 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 16.37	0.0000522 ---
s	Mantel-Haenszel: 16.36	0.0000523 ---
u	Yates corrected: 15.17	0.0000985 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.58 (1.45 <OR< 4.59)
+| 29 | 1469 | 1498 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.55 (1.49 <RR< 4.36)
-| 24 | 3132 | 3156 Taylor Series 95% confidence limits for RR
+-----+-----+
E 53 4601 4654 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 12.47	0.0004142 ---
s	Mantel-Haenszel: 12.46	0.0004148 ---
u	Yates corrected: 11.44	0.0007170 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.35 (1.32 <OR< 4.19)
+| 29 | 1827 | 1856 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.33 (1.36 <RR< 3.99)
-| 24 | 3555 | 3579 Taylor Series 95% confidence limits for RR
+-----+-----+
E 53 5382 5435 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 10.07	0.0015081 ---
s	Mantel-Haenszel: 10.07	0.0015096 ---
u	Yates corrected: 9.17	0.0024652 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.49 (0.94 <OR< 2.32)
+| 29 | 2421 | 2450 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.48 (0.97 <RR< 2.26)
-| 77 | 9548 | 9625 Taylor Series 95% confidence limits for RR
+-----+-----+
E 106 11969 12075 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 3.30	0.0691198
s	Mantel-Haenszel: 3.30	0.0691313
u	Yates corrected: 2.88	0.0898210

+ Disease -		
+	29	1469 1498
-	77	5856 5933
E	106	7325 7431

x
p
o
s
u

Analysis of Single Table
 Odds ratio = 1.50 (0.95 <OR< 2.35)
 Cornfield 95% confidence limits for OR
 Relative risk = 1.49 (0.98 <RR< 2.28)
 Taylor Series 95% confidence limits for RR
 Ignore relative risk if case control study.

Chi-Squares P-values		
	-----	-----
Uncorrected :	3.46	0.0627474
Mantel-Haenszel:	3.46	0.0627650
Yates corrected:	3.02	0.0820255

+ Disease -		
+	29	1827 1856
-	77	7804 7881
E	106	9631 9737

x
p
o
s
u

Analysis of Single Table
 Odds ratio = 1.61 (1.02 <OR< 2.52)
 Cornfield 95% confidence limits for OR
 Relative risk = 1.60 (1.05 <RR< 2.44)
 Taylor Series 95% confidence limits for RR
 Ignore relative risk if case control study.

Chi-Squares P-values		
	-----	-----
Uncorrected :	4.78	0.0287583 ---
Mantel-Haenszel:	4.78	0.0287665 ---
Yates corrected:	4.25	0.0391636 ---

6) PROG 6 – FEMALE REPRODUCTIVE MALIGNANCY

+ Disease -		
+	37	2421 2458
-	201	14851 15052
E	238	17272 17510

x
p
o
s
u

Analysis of Single Table
 Odds ratio = 1.13 (0.78 <OR< 1.63)
 Cornfield 95% confidence limits for OR
 Relative risk = 1.13 (0.80 <RR< 1.60)
 Taylor Series 95% confidence limits for RR
 Ignore relative risk if case control study.

Chi-Squares P-values		
	-----	-----
Uncorrected :	0.46	0.4999648
Mantel-Haenszel:	0.45	0.4999770
Yates corrected:	0.34	0.5615067

+ Disease -		
+	37	1469 1506
-	201	9607 9808
E	238	11076 11314

x
p
o
s
u

Analysis of Single Table
 Odds ratio = 1.20 (0.83 <OR< 1.74)
 Cornfield 95% confidence limits for OR
 Relative risk = 1.20 (0.85 <RR< 1.70)
 Taylor Series 95% confidence limits for RR
 Ignore relative risk if case control study.

Chi-Squares P-values		
	-----	-----
Uncorrected :	1.05	0.3048889
Mantel-Haenszel:	1.05	0.3049103
Yates corrected:	0.86	0.3525908

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.09 (0.76 <OR< 1.58)
+| 37 | 1827 | 1864 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.09 (0.77 <RR< 1.55)
-| 201 | 10855 | 11056 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 238 12682 12920

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.25	0.6199712
s	Mantel-Haenszel: 0.25	0.6199847
u	Yates corrected: 0.16	0.6871034

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.70 (1.15 <OR< 2.51)
+| 37 | 2421 | 2458 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.69 (1.17 <RR< 2.45)
-| 113 | 12594 | 12707 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 150 15015 15165

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 7.98	0.0047282 ---
s	Mantel-Haenszel: 7.98	0.0047296 ---
u	Yates corrected: 7.36	0.0066545 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.57 (1.06 <OR< 2.32)
+| 37 | 1469 | 1506 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.56 (1.08 <RR< 2.25)
-| 113 | 7041 | 7154 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 150 8510 8660

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.63	0.0176998 ---
s	Mantel-Haenszel: 5.62	0.0177063 ---
u	Yates corrected: 5.12	0.0236243 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.54 (1.04 <OR< 2.28)
+| 37 | 1827 | 1864 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.53 (1.06 <RR< 2.22)
-| 113 | 8617 | 8730 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 150 10444 10594

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.25	0.0219704 ---
s	Mantel-Haenszel: 5.25	0.0219767 ---
u	Yates corrected: 4.77	0.0290434 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.35 (0.95 <OR< 1.92)
 +| 37 | 2421 | 2458 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.35 (0.96 <RR< 1.89)
 -| 348 | 30793 | 31141 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 385 33214 33599

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 3.02	0.0820153
s	Mantel-Haenszel: 3.02	0.0820199
u	Yates corrected: 2.69	0.1008630

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.43 (1.00 <OR< 2.04)
 +| 37 | 1469 | 1506 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.42 (1.01 <RR< 1.98)
 -| 348 | 19726 | 20074 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 385 21195 21580

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 4.18	0.0408524 ---
s	Mantel-Haenszel: 4.18	0.0408570 ---
u	Yates corrected: 3.78	0.0518826

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.39 (0.97 <OR< 1.98)
 +| 37 | 1827 | 1864 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.38 (0.99 <RR< 1.93)
 -| 348 | 23860 | 24208 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 385 25687 26072

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 3.57	0.0590056
s	Mantel-Haenszel: 3.56	0.0590105
u	Yates corrected: 3.20	0.0736938

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.51 (0.98 <OR< 2.33)
 +| 37 | 2421 | 2458 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.51 (1.00 <RR< 2.26)
 -| 59 | 5841 | 5900 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 96 8262 8358

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 3.90	0.0482359 ---
s	Mantel-Haenszel: 3.90	0.0482493 ---
u	Yates corrected: 3.47	0.0625136

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.34 (0.86 <OR< 2.06)
+| 37 | 1469 | 1506 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.33 (0.88 <RR< 2.00)
-| 59 | 3132 | 3191 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 96 4601 4697

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 1.89	0.1693807
s	Mantel-Haenszel: 1.89	0.1694261
u	Yates corrected: 1.60	0.2063300

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.22 (0.79 <OR< 1.88)
+| 37 | 1827 | 1864 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.22 (0.81 <RR< 1.83)
-| 59 | 3555 | 3614 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 96 5382 5478

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.89	0.3462449
s	Mantel-Haenszel: 0.89	0.3462889
u	Yates corrected: 0.69	0.4047118

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.64 (1.09 <OR< 2.45)
+| 37 | 2421 | 2458 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.63 (1.11 <RR< 2.39)
-| 89 | 9548 | 9637 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 126 11969 12095

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 6.43	0.0112222 ---
s	Mantel-Haenszel: 6.43	0.0112256 ---
u	Yates corrected: 5.88	0.0153326 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.66 (1.10 <OR< 2.48)
+| 37 | 1469 | 1506 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.64 (1.12 <RR< 2.40)
-| 89 | 5856 | 5945 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 126 7325 7451

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 6.66	0.0098698 ---
s	Mantel-Haenszel: 6.66	0.0098748 ---
u	Yates corrected: 6.09	0.0135686 ---

+ Disease -			Analysis of Single Table		
+	37	1827 1864	Odds ratio = 1.78 (1.18 <OR< 2.66)		
-	89	7804 7893	Cornfield 95% confidence limits for OR		
E	126	9631 9757	Relative risk = 1.76 (1.20 <RR< 2.57)		
x			Taylor Series 95% confidence limits for RR		
p			Ignore relative risk if case control study.		
o					
s					
u					

Chi-Squares P-values

	Chi-Squares	P-values
Uncorrected :	8.70	0.0031888 ---
Mantel-Haenszel:	8.70	0.0031904 ---
Yates corrected:	8.04	0.0045844 ---

7) PROG 7 – PLEURISY AND PNEUMONIA

+ Disease -			Analysis of Single Table		
+	474	2421 2895	Odds ratio = 1.03 (0.93 <OR< 1.15)		
-	2811	14851 17662	Cornfield 95% confidence limits for OR		
E	3285	17272 20557	Relative risk = 1.03 (0.94 <RR< 1.12)		
x			Taylor Series 95% confidence limits for RR		
p			Ignore relative risk if case control study.		
o					
s					
u					

Chi-Squares P-values

	Chi-Squares	P-values
Uncorrected :	0.39	0.5334555
Mantel-Haenszel:	0.39	0.5334654
Yates corrected:	0.35	0.5515900

+ Disease -			Analysis of Single Table		
+	474	1469 1943	Odds ratio = 1.10 (0.98 <OR< 1.24)		
-	2811	9607 12418	Cornfield 95% confidence limits for OR		
E	3285	11076 14361	Relative risk = 1.08 (0.99 <RR< 1.17)		
x			Taylor Series 95% confidence limits for RR		
p			Ignore relative risk if case control study.		
o					
s					
u					

Chi-Squares P-values

	Chi-Squares	P-values
Uncorrected :	2.95	0.0860991
Mantel-Haenszel:	2.95	0.0861100
Yates corrected:	2.85	0.0915453

+ Disease -			Analysis of Single Table		
+	474	1827 2301	Odds ratio = 1.00 (0.90 <OR< 1.12)		
-	2811	10855 13666	Cornfield 95% confidence limits for OR		
E	3285	12682 15967	Relative risk = 1.00 (0.92 <RR< 1.09)		
x			Taylor Series 95% confidence limits for RR		
p			Ignore relative risk if case control study.		
o					
s					
u					

Chi-Squares P-values

	Chi-Squares	P-values
Uncorrected :	0.00	0.9733389
Mantel-Haenszel:	0.00	0.9733397
Yates corrected:	0.00	0.9955724

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.04 (0.93 <OR< 1.16)
+| 474 | 2421 | 2895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.03 (0.94 <RR< 1.13)
-| 2381 | 12594 | 14975 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2855 15015 17870

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.40 0.5246678
s	Mantel-Haenszel:	0.40 0.5246794
u	Yates corrected:	0.37 0.5428823

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.95 (0.85 <OR< 1.07)
+| 474 | 1469 | 1943 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.97 (0.89 <RR< 1.05)
-| 2381 | 7041 | 9422 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2855 8510 11365

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.66 0.4179021
s	Mantel-Haenszel:	0.66 0.4179226
u	Yates corrected:	0.61 0.4346014

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.94 (0.84 <OR< 1.05)
+| 474 | 1827 | 2301 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.95 (0.87 <RR< 1.04)
-| 2381 | 8617 | 10998 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2855 10444 13299

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	1.24 0.2647861
s	Mantel-Haenszel:	1.24 0.2648041
u	Yates corrected:	1.18 0.2769332

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.07 (0.97 <OR< 1.19)
+| 474 | 2421 | 2895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.06 (0.97 <RR< 1.16)
-| 5617 | 30793 | 36410 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 6091 33214 39305

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	1.83 0.1758206
s	Mantel-Haenszel:	1.83 0.1758261
u	Yates corrected:	1.76 0.1844905

Illness Indicators in Lompoc, California

+ Disease -	Analysis of Single Table
-----+-----+	Odds ratio = 1.13 (1.02 <OR< 1.26)
+ 474 1469 1943	Cornfield 95% confidence limits for OR
-----+-----+	Relative risk = 1.10 (1.01 <RR< 1.19)
- 5617 19726 25343	Taylor Series 95% confidence limits for RR
-----+-----+	Ignore relative risk if case control study.

E 6091 21195 27286

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 5.18	0.0228239 ---
s	Mantel-Haenszel: 5.18	0.0228264 ---
u	Yates corrected: 5.05	0.0245695 ---

+ Disease -	Analysis of Single Table
-----+-----+	Odds ratio = 1.10 (0.99 <OR< 1.23)
+ 474 1827 2301	Cornfield 95% confidence limits for OR
-----+-----+	Relative risk = 1.08 (0.99 <RR< 1.18)
- 5617 23860 29477	Taylor Series 95% confidence limits for RR
-----+-----+	Ignore relative risk if case control study.

E 6091 25687 31778

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 3.28	0.0699161
s	Mantel-Haenszel: 3.28	0.0699205
u	Yates corrected: 3.19	0.0742680

+ Disease -	Analysis of Single Table
-----+-----+	Odds ratio = 0.97 (0.86 <OR< 1.10)
+ 474 2421 2895	Cornfield 95% confidence limits for OR
-----+-----+	Relative risk = 0.98 (0.89 <RR< 1.08)
- 1175 5841 7016	Taylor Series 95% confidence limits for RR
-----+-----+	Ignore relative risk if case control study.

E 1649 8262 9911

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.21	0.6490541
s	Mantel-Haenszel: 0.21	0.6490706
u	Yates corrected: 0.18	0.6705306

+ Disease -	Analysis of Single Table
-----+-----+	Odds ratio = 0.86 (0.76 <OR< 0.97)
+ 474 1469 1943	Cornfield 95% confidence limits for OR
-----+-----+	Relative risk = 0.89 (0.82 <RR< 0.98)
- 1175 3132 4307	Taylor Series 95% confidence limits for RR
-----+-----+	Ignore relative risk if case control study.

E 1649 4601 6250

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 5.74	0.0165694 ---
s	Mantel-Haenszel: 5.74	0.0165781 ---
u	Yates corrected: 5.59	0.0180242 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.78 (0.69 <OR< 0.89)
+| 474 | 1827 | 2301 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.83 (0.75 <RR< 0.91)
-| 1175 | 3555 | 4730 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1649 5382 7031

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	15.51 0.0000819 ---
s	Mantel-Haenszel:	15.51 0.0000820 ---
u	Yates corrected:	15.28 0.0000928 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.01 (0.90 <OR< 1.13)
+| 474 | 2421 | 2895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.01 (0.92 <RR< 1.11)
-| 1848 | 9548 | 11396 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2322 11969 14291

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.04 0.8381329
s	Mantel-Haenszel:	0.04 0.8381385
u	Yates corrected:	0.03 0.8602371

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.02 (0.91 <OR< 1.15)
+| 474 | 1469 | 1943 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.02 (0.93 <RR< 1.11)
-| 1848 | 5856 | 7704 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2322 7325 9647

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.14 0.7071508
s	Mantel-Haenszel:	0.14 0.7071653
u	Yates corrected:	0.12 0.7293472

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.10 (0.98 <OR< 1.23)
+| 474 | 1827 | 2301 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.08 (0.98 <RR< 1.18)
-| 1848 | 7804 | 9652 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2322 9631 11953

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	2.51 0.1132908
s	Mantel-Haenszel:	2.51 0.1133059
	Yates corrected:	2.42 0.1201238

8) PROG 8 – KIDNEY NEOPLASM

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.99 (0.68 <OR< 1.45)
+| 34 | 2421 | 2455 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.99 (0.69 <RR< 1.42)
-| 210 | 14851 | 15061 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 244 17272 17516

	Chi-Squares	P-values
x	-----	-----
p	Uncorrected :	0.00 0.9706018
o	Mantel-Haenszel:	0.00 0.9706027
s	Yates corrected:	0.00 0.9553409
u		

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.06 (0.72 <OR< 1.55)
+| 34 | 1469 | 1503 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.06 (0.74 <RR< 1.51)
-| 210 | 9607 | 9817 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 244 11076 11320

	Chi-Squares	P-values
x	-----	-----
p	Uncorrected :	0.09 0.7597788
o	Mantel-Haenszel:	0.09 0.7597891
s	Yates corrected:	0.04 0.8333498
u		

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.96 (0.66 <OR< 1.41)
+| 34 | 1827 | 1861 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.96 (0.67 <RR< 1.38)
-| 210 | 10855 | 11065 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 244 12682 12926

	Chi-Squares	P-values
x	-----	-----
p	Uncorrected :	0.04 0.8352724
o	Mantel-Haenszel:	0.04 0.8352787
s	Yates corrected:	0.01 0.9077370
u		

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.20 (0.81 <OR< 1.78)
+| 34 | 2421 | 2455 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.20 (0.83 <RR< 1.74)
-| 147 | 12594 | 12741 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 181 15015 15196

	Chi-Squares	P-values
x	-----	-----
p	Uncorrected :	0.93 0.3336542
o	Mantel-Haenszel:	0.93 0.3336701
s	Yates corrected:	0.75 0.3869325
u		

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.11 (0.75 <OR< 1.64)
+| 34 | 1469 | 1503 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.11 (0.76 <RR< 1.60)
-| 147 | 7041 | 7188 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 181 8510 8691

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.29	0.5920064
s	Mantel-Haenszel: 0.29	0.5920277
u	Yates corrected: 0.19	0.6623854

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.09 (0.74 <OR< 1.61)
+| 34 | 1827 | 1861 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.09 (0.75 <RR< 1.58)
-| 147 | 8617 | 8764 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 181 10444 10625

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.21	0.6504592
s	Mantel-Haenszel: 0.21	0.6504746
u	Yates corrected: 0.13	0.7229612

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.20 (0.83 <OR< 1.73)
+| 34 | 2421 | 2455 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.20 (0.85 <RR< 1.70)
-| 360 | 30793 | 31153 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 394 33214 33608

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 1.03	0.3094313
s	Mantel-Haenszel: 1.03	0.3094385
u	Yates corrected: 0.84	0.3580744

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.27 (0.87 <OR< 1.83)
+| 34 | 1469 | 1503 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.26 (0.89 <RR< 1.79)
-| 360 | 19726 | 20086 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 394 21195 21589

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 1.72	0.1893139
s	Mantel-Haenszel: 1.72	0.1893242
u	Yates corrected: 1.47	0.2252368

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.23 (0.85 <OR< 1.78)
 +| 34 | 1827 | 1861 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.23 (0.87 <RR< 1.74)
 -| 360 | 23860 | 24220 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 394 25687 26081

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	1.35 0.2457182
s	Mantel-Haenszel:	1.35 0.2457273
u	Yates corrected:	1.13 0.2881408

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.61 (1.02 <OR< 2.54)
 +| 34 | 2421 | 2455 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.60 (1.04 <RR< 2.46)
 -| 51 | 5841 | 5892 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 85 8262 8347

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	4.64 0.0312856 ---
s	Mantel-Haenszel:	4.64 0.0312957 ---
u	Yates corrected:	4.14 0.0419731 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.42 (0.90 <OR< 2.25)
 +| 34 | 1469 | 1503 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.41 (0.92 <RR< 2.17)
 -| 51 | 3132 | 3183 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 85 4601 4686

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	2.50 0.1141306
s	Mantel-Haenszel:	2.50 0.1141692
u	Yates corrected:	2.14 0.1435662

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.30 (0.82 <OR< 2.05)
 +| 34 | 1827 | 1861 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.29 (0.84 <RR< 1.99)
 -| 51 | 3555 | 3606 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 85 5382 5467

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	1.37 0.2425526
s	Mantel-Haenszel:	1.37 0.2425957
u	Yates corrected:	1.11 0.2922135

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.52 (1.00 <OR< 2.31)
+| 34 | 2421 | 2455 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.52 (1.02 <RR< 2.25)
-| 88 | 9548 | 9636 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 122 11969 12091

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 4.36	0.0368327 ---
s	Mantel-Haenszel: 4.36	0.0368405 ---
u	Yates corrected: 3.90	0.0483239 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.54 (1.01 <OR< 2.34)
+| 34 | 1469 | 1503 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.53 (1.03 <RR< 2.26)
-| 88 | 5856 | 5944 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 122 7325 7447

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 4.55	0.0329442 ---
s	Mantel-Haenszel: 4.55	0.0329560 ---
u	Yates corrected: 4.08	0.0434829 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.65 (1.09 <OR< 2.50)
+| 34 | 1827 | 1861 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.64 (1.11 <RR< 2.43)
-| 88 | 7804 | 7892 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 122 9631 9753

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 6.18	0.0129289 ---
s	Mantel-Haenszel: 6.18	0.0129336 ---
u	Yates corrected: 5.62	0.0177981 ---

9) PROG 9 – MALE REPRODUCTIVE MALIGNANCY

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.23 (0.46 <OR< 3.09*)
+| 6 | 2421 | 2427 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 30 | 14851 | 14881 Relative risk = 1.23 (0.51 <RR< 2.94)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 36 17272 17308 Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	-----	-----
s	Uncorrected : 0.21	0.6473794
u	Mantel-Haenszel: 0.21	0.6473889
r	Yates corrected: 0.05	0.8280884

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.31 (0.49 <OR< 3.30*)
+| 6 | 1469 | 1475 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 30 | 9607 | 9637 Relative risk = 1.31 (0.54 <RR< 3.13)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 36 11076 11112 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.36 0.5478807
u Mantel-Haenszel: 0.36 0.5478987
r Yates corrected: 0.13 0.7226411
e Fisher exact: 1-tailed P-value: 0.3419885
2-tailed P-value: 0.4677978

An expected cell value is less than 5.
Fisher exact results recommended.

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.19 (0.44 <OR< 2.99*)
+| 6 | 1827 | 1833 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 30 | 10855 | 10885 Relative risk = 1.19 (0.50 <RR< 2.85)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 36 12682 12718 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.15 0.6997854
u Mantel-Haenszel: 0.15 0.6997966
r Yates corrected: 0.02 0.8823396

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.84 (0.32 <OR< 2.09*)
+| 6 | 2421 | 2427 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 37 | 12594 | 12631 Relative risk = 0.84 (0.36 <RR< 2.00)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 43 15015 15058 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.15 0.6991168
u Mantel-Haenszel: 0.15 0.6991263
r Yates corrected: 0.03 0.8580597

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.78 (0.29 <OR< 1.93*)
+| 6 | 1469 | 1475 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 37 | 7041 | 7078 Relative risk = 0.78 (0.33 <RR< 1.84)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 43 8510 8553 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.33 0.5667422
u Mantel-Haenszel: 0.33 0.5667649
r Yates corrected: 0.14 0.7110035

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.76 (0.29 <OR< 1.90*)
+| 6 | 1827 | 1833 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 37 | 8617 | 8654 Relative risk = 0.77 (0.32 <RR< 1.81)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 43 10444 10487 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.37 0.5419049
u Mantel-Haenszel: 0.37 0.5419242
r Yates corrected: 0.17 0.6827212

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.53 (0.59 <OR< 3.71*)
+| 6 | 2421 | 2427 Cornfield 95% confidence limits for OR
+-----+-----+ *Cornfield not accurate. Exact limits preferred.
-| 50 | 30793 | 30843 Relative risk = 1.52 (0.65 <RR< 3.55)
+-----+-----+ Taylor Series 95% confidence limits for RR
E 56 33214 33270 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o ----- -----
s Uncorrected : 0.97 0.3247173
u Mantel-Haenszel: 0.97 0.3247245
r Yates corrected: 0.53 0.4668197
e Fisher exact: 1-tailed P-value: 0.2224645
2-tailed P-value: 0.3000506

An expected cell value is less than 5.
Fisher exact results recommended.

Illness Indicators in Lompoc, California

```
+ Disease -          Analysis of Single Table
+-----+-----+
+| 6 | 1469 | 1475   Odds ratio = 1.61 (0.62 <OR< 3.92*)
+-----+-----+   Cornfield 95% confidence limits for OR
+-----+-----+   *Cornfield not accurate. Exact limits preferred.
-| 50 | 19726 | 19776   Relative risk = 1.61 (0.69 <RR< 3.75)
+-----+-----+   Taylor Series 95% confidence limits for RR
E 56 21195 21251   Ignore relative risk if case control study.
```

```
x
p          Chi-Squares P-values
o
-----
s      Uncorrected : 1.24 0.2659033
u      Mantel-Haenszel: 1.24 0.2659146
r      Yates corrected: 0.72 0.3957147
e      Fisher exact: 1-tailed P-value: 0.1909688
                  2-tailed P-value: 0.2828429
```

An expected cell value is less than 5.
 Fisher exact results recommended.

```
+ Disease -          Analysis of Single Table
+-----+-----+
+| 6 | 1827 | 1833   Odds ratio = 1.57 (0.60 <OR< 3.81*)
+-----+-----+   Cornfield 95% confidence limits for OR
+-----+-----+   *Cornfield not accurate. Exact limits preferred.
-| 50 | 23860 | 23910   Relative risk = 1.57 (0.67 <RR< 3.65)
+-----+-----+   Taylor Series 95% confidence limits for RR
E 56 25687 25743   Ignore relative risk if case control study.
```

```
x
p          Chi-Squares P-values
o
-----
s      Uncorrected : 1.10 0.2951276
u      Mantel-Haenszel: 1.10 0.2951370
r      Yates corrected: 0.62 0.4313749
e      Fisher exact: 1-tailed P-value: 0.2067134
                  2-tailed P-value: 0.2910606
```

An expected cell value is less than 5.
 Fisher exact results recommended.

```
+ Disease -          Analysis of Single Table
+-----+-----+
+| 6 | 2421 | 2427   Odds ratio = 1.45 (0.47 <OR< 4.32*)
+-----+-----+   Cornfield 95% confidence limits for OR
+-----+-----+   *Cornfield not accurate. Exact limits preferred.
-| 10 | 5841 | 5851   Relative risk = 1.45 (0.53 <RR< 3.98)
+-----+-----+   Taylor Series 95% confidence limits for RR
E 16 8262 8278   Ignore relative risk if case control study.
```

```
x
p          Chi-Squares P-values
o
-----
s      Uncorrected : 0.52 0.4717835
u      Mantel-Haenszel: 0.52 0.4718103
r      Yates corrected: 0.20 0.6565193
e      Fisher exact: 1-tailed P-value: 0.3178234
```

2-tailed P-value: 0.5824244
 An expected cell value is less than 5.
 Fisher exact results recommended.

+ Disease -			Analysis of Single Table	
+	6 1469 1475		Odds ratio = 1.28 (0.41 <OR< 3.82*)	Cornfield 95% confidence limits for OR
-	10 3132 3142		*Cornfield not accurate. Exact limits preferred.	Relative risk = 1.28 (0.47 <RR< 3.51)
E	16 4601 4617		Taylor Series 95% confidence limits for RR	Ignore relative risk if case control study.
x				
p			Chi-Squares P-values	
o			----- -----	
s			Uncorrected : 0.23	0.6332276
u			Mantel-Haenszel: 0.23	0.6332644
r			Yates corrected: 0.04	0.8347298

+ Disease -			Analysis of Single Table	
+	6 1827 1833		Odds ratio = 1.17 (0.38 <OR< 3.49*)	Cornfield 95% confidence limits for OR
-	10 3555 3565		*Cornfield not accurate. Exact limits preferred.	Relative risk = 1.17 (0.42 <RR< 3.21)
E	16 5382 5398		Taylor Series 95% confidence limits for RR	Ignore relative risk if case control study.
x				
p			Chi-Squares P-values	
o			----- -----	
s			Uncorrected : 0.09	0.7644016
u			Mantel-Haenszel: 0.09	0.7644228
r			Yates corrected: 0.00	0.9717947

+ Disease -			Analysis of Single Table	
+	6 2421 2427		Odds ratio = 1.82 (0.62 <OR< 5.13*)	Cornfield 95% confidence limits for OR
-	13 9548 9561		*Cornfield not accurate. Exact limits preferred.	Relative risk = 1.82 (0.69 <RR< 4.78)
E	19 11969 11988		Taylor Series 95% confidence limits for RR	Ignore relative risk if case control study.
x				
p			Chi-Squares P-values	
o			----- -----	
s			Uncorrected : 1.51	0.2185400
u			Mantel-Haenszel: 1.51	0.2185593
r			Yates corrected: 0.89	0.3447979
e			Fisher exact: 1-tailed P-value: 0.1699951	2-tailed P-value: 0.2489952

An expected cell value is less than 5.
 Fisher exact results recommended.

+ Disease - Analysis of Single Table
+-----+ Odds ratio = 1.84 (0.62 <OR< 5.19*)
+| 6 | 1469 | 1475 Cornfield 95% confidence limits for OR
+-----+ *Cornfield not accurate. Exact limits preferred.
-| 13 | 5856 | 5869 Relative risk = 1.84 (0.70 <RR< 4.82)
+-----+ Taylor Series 95% confidence limits for RR
E 19 7325 7344 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o -----
s Uncorrected : 1.57 0.2104852
u Mantel-Haenszel: 1.57 0.2105162
r Yates corrected: 0.93 0.3342725
e Fisher exact: 1-tailed P-value: 0.1652165
2-tailed P-value: 0.2465207

An expected cell value is less than 5.
Fisher exact results recommended.

+ Disease - Analysis of Single Table
+-----+ Odds ratio = 1.97 (0.67 <OR< 5.56*)
+| 6 | 1827 | 1833 Cornfield 95% confidence limits for OR
+-----+ *Cornfield not accurate. Exact limits preferred.
-| 13 | 7804 | 7817 Relative risk = 1.97 (0.75 <RR< 5.17)
+-----+ Taylor Series 95% confidence limits for RR
E 19 9631 9650 Ignore relative risk if case control study.

x
p Chi-Squares P-values
o -----
s Uncorrected : 1.96 0.1615848
u Mantel-Haenszel: 1.96 0.1616066
r Yates corrected: 1.23 0.2682746
e Fisher exact: 1-tailed P-value: 0.1353586
2-tailed P-value: 0.2348010

An expected cell value is less than 5.
Fisher exact results recommended.

10) PROG 10 – MYELOPROLIFERATIVE DISEASE

+ Disease - Analysis of Single Table
+-----+ Odds ratio = 0.95 (0.53 <OR< 1.68)
+| 15 | 2421 | 2436 Cornfield 95% confidence limits for OR
+-----+ Relative risk = 0.95 (0.55 <RR< 1.63)
-| 97 | 14851 | 14948 Taylor Series 95% confidence limits for RR
+-----+ Ignore relative risk if case control study.
E 112 17272 17384

x
p Chi-Squares P-values
o -----
s Uncorrected : 0.04 0.8495866
u Mantel-Haenszel: 0.04 0.8495909
Yates corrected: 0.00 0.9576535

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.01 (0.56 <OR< 1.79)
+| 15 | 1469 | 1484 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.01 (0.59 <RR< 1.74)
-| 97 | 9607 | 9704 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 112 11076 11188

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.00	0.9678211
s	Mantel-Haenszel:	0.00 0.9678226
u	Yates corrected:	0.01 0.9206209

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.92 (0.51 <OR< 1.63)
+| 15 | 1827 | 1842 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.92 (0.53 <RR< 1.58)
-| 97 | 10855 | 10952 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 112 12682 12794

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.09	0.7610123
s	Mantel-Haenszel:	0.09 0.7610214
u	Yates corrected:	0.03 0.8658122

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.20 (0.66 <OR< 2.17)
+| 15 | 2421 | 2436 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.20 (0.69 <RR< 2.10)
-| 65 | 12594 | 12659 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 80 15015 15095

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.41	0.5242570
s	Mantel-Haenszel:	0.41 0.5242707
u	Yates corrected:	0.23 0.6280764

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.11 (0.60 <OR< 2.00)
+| 15 | 1469 | 1484 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.11 (0.63 <RR< 1.93)
-| 65 | 7041 | 7106 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 80 8510 8590

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.12	0.7260369
s	Mantel-Haenszel:	0.12 0.7260523
u	Yates corrected:	0.04 0.8400451

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.09 (0.59 <OR< 1.96)
 +| 15 | 1827 | 1842 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.09 (0.62 <RR< 1.90)
 -| 65 | 8617 | 8682 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 80 10444 10524
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.09 0.7682405
 s Mantel-Haenszel: 0.09 0.7682511
 u Yates corrected: 0.02 0.8831306

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.97 (0.55 <OR< 1.68)
 +| 15 | 2421 | 2436 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.97 (0.57 <RR< 1.63)
 -| 197 | 30793 | 30990 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 212 33214 33426
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.01 0.9050530
 s Mantel-Haenszel: 0.01 0.9050545
 u Yates corrected: 0.00 0.9894277

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.02 (0.58 <OR< 1.77)
 +| 15 | 1469 | 1484 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.02 (0.61 <RR< 1.72)
 -| 197 | 19726 | 19923 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 212 21195 21407
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.01 0.9342706
 s Mantel-Haenszel: 0.01 0.9342721
 u Yates corrected: 0.00 0.9574153

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.99 (0.56 <OR< 1.72)
 +| 15 | 1827 | 1842 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.99 (0.59 <RR< 1.68)
 -| 197 | 23860 | 24057 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 212 25687 25899
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.00 0.9833123
 s Mantel-Haenszel: 0.00 0.9833126
 u Yates corrected: 0.01 0.9098420

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.17 (0.60 <OR< 2.24)
+| 15 | 2421 | 2436 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.17 (0.63 <RR< 2.16)
-| 31 | 5841 | 5872 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 46 8262 8308

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.24	0.6233133
s	Mantel-Haenszel: 0.24	0.6233342
u	Yates corrected: 0.11	0.7423302

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.03 (0.53 <OR< 1.99)
+| 15 | 1469 | 1484 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.03 (0.56 <RR< 1.90)
-| 31 | 3132 | 3163 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 46 4601 4647

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.01	0.9214916
s	Mantel-Haenszel: 0.01	0.9215000
u	Yates corrected: 0.00	0.9518711

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.94 (0.48 <OR< 1.81)
+| 15 | 1827 | 1842 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.94 (0.51 <RR< 1.74)
-| 31 | 3555 | 3586 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 46 5382 5428

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.04	0.8486716
s	Mantel-Haenszel: 0.04	0.8486853
u	Yates corrected: 0.00	0.9725163

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.19 (1.11 <OR< 4.28)
+| 15 | 2421 | 2436 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.18 (1.16 <RR< 4.10)
-| 27 | 9548 | 9575 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 42 11969 12011

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 6.21	0.0127118 ---
s	Mantel-Haenszel: 6.21	0.0127155 ---
u	Yates corrected: 5.29	0.0214747 ---

+ Disease -
+-----+-----+
+| 15 | 1469 | 1484
+-----+-----+
-| 27 | 5856 | 5883
+-----+-----+
E 42 7325 7367

Analysis of Single Table
Odds ratio = 2.21 (1.12 <OR< 4.33)
Cornfield 95% confidence limits for OR
Relative risk = 2.20 (1.17 <RR< 4.13)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x Chi-Squares P-values
----- -----
o Uncorrected : 6.37 0.0116314 ---
s Mantel-Haenszel: 6.37 0.0116371 ---
u Yates corrected: 5.43 0.0197945 ---

+ Disease -
+-----+-----+
+| 15 | 1827 | 1842
+-----+-----+
-| 27 | 7804 | 7831
+-----+-----+
E 42 9631 9673

Analysis of Single Table
Odds ratio = 2.37 (1.20 <OR< 4.64)
Cornfield 95% confidence limits for OR
Relative risk = 2.36 (1.26 <RR< 4.43)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x Chi-Squares P-values
----- -----
o Uncorrected : 7.61 0.0058201 ---
s Mantel-Haenszel: 7.60 0.0058227 ---
u Yates corrected: 6.56 0.0104425 ---

11) PROG 11 – NERVOUS SYSTEM MALIGNANCY

+ Disease -
+-----+-----+
+| 35 | 2421 | 2456
+-----+-----+
-| 255 | 14851 | 15106
+-----+-----+
E 290 17272 17562

Analysis of Single Table
Odds ratio = 0.84 (0.58 <OR< 1.22)
Cornfield 95% confidence limits for OR
Relative risk = 0.84 (0.59 <RR< 1.20)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x Chi-Squares P-values
----- -----
o Uncorrected : 0.90 0.3428675
s Mantel-Haenszel: 0.90 0.3428812
u Yates corrected: 0.75 0.3880543

+ Disease -
+-----+-----+
+| 35 | 1469 | 1504
+-----+-----+
-| 255 | 9607 | 9862
+-----+-----+
E 290 11076 11366

Analysis of Single Table
Odds ratio = 0.90 (0.62 <OR< 1.30)
Cornfield 95% confidence limits for OR
Relative risk = 0.90 (0.63 <RR< 1.28)
Taylor Series 95% confidence limits for RR
Ignore relative risk if case control study.

x Chi-Squares P-values
----- -----
o Uncorrected : 0.35 0.5536218
s Mantel-Haenszel: 0.35 0.5536392
u Yates corrected: 0.25 0.6138652

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.82 (0.56 <OR< 1.18)
+| 35 | 1827 | 1862 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.82 (0.58 <RR< 1.16)
-| 255 | 10855 | 11110 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 290 12682 12972

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.26	0.2616787
s	Mantel-Haenszel: 1.26	0.2616971
u	Yates corrected: 1.08	0.2993908

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.92 (0.63 <OR< 1.34)
+| 35 | 2421 | 2456 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.93 (0.65 <RR< 1.32)
-| 197 | 12594 | 12791 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 232 15015 15247

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.18	0.6696202
s	Mantel-Haenszel: 0.18	0.6696304
u	Yates corrected: 0.11	0.7363555

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.85 (0.58 <OR< 1.24)
+| 35 | 1469 | 1504 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.86 (0.60 <RR< 1.22)
-| 197 | 7041 | 7238 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 232 8510 8742

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.75	0.3862828
s	Mantel-Haenszel: 0.75	0.3863100
u	Yates corrected: 0.61	0.4364372

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.84 (0.57 <OR< 1.22)
+| 35 | 1827 | 1862 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.84 (0.59 <RR< 1.20)
-| 197 | 8617 | 8814 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 232 10444 10676

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.91	0.3392503
s	Mantel-Haenszel: 0.91	0.3392729
u	Yates corrected: 0.75	0.3852938

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.03 (0.72 <OR< 1.48)
 +| 35 | 2421 | 2456 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.03 (0.73 <RR< 1.45)
 -| 431 | 30793 | 31224 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 466 33214 33680

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.03	0.8550069
s	Mantel-Haenszel: 0.03	0.8550090
u	Yates corrected: 0.01	0.9258806

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.09 (0.76 <OR< 1.56)
 +| 35 | 1469 | 1504 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.09 (0.77 <RR< 1.53)
 -| 431 | 19726 | 20157 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 466 21195 21661

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.24	0.6261800
s	Mantel-Haenszel: 0.24	0.6261880
u	Yates corrected: 0.16	0.6928479

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.06 (0.74 <OR< 1.52)
 +| 35 | 1827 | 1862 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.06 (0.75 <RR< 1.49)
 -| 431 | 23860 | 24291 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 466 25687 26153

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.11	0.7404418
s	Mantel-Haenszel: 0.11	0.7404466
u	Yates corrected: 0.06	0.8100327

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.19 (0.78 <OR< 1.82)
 +| 35 | 2421 | 2456 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.19 (0.79 <RR< 1.77)
 -| 71 | 5841 | 5912 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 106 8262 8368

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 0.70	0.4038061
s	Mantel-Haenszel: 0.70	0.4038342
u	Yates corrected: 0.53	0.4669124

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.05 (0.68 <OR< 1.61)
+| 35 | 1469 | 1504 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.05 (0.70 <RR< 1.57)
-| 71 | 3132 | 3203 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 106 4601 4707

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.06	0.8117506
s	Mantel-Haenszel: 0.06	0.8117702
u	Yates corrected: 0.02	0.8943314

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.96 (0.62 <OR< 1.47)
+| 35 | 1827 | 1862 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.96 (0.64 <RR< 1.43)
-| 71 | 3555 | 3626 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 106 5382 5488

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.04	0.8416719
s	Mantel-Haenszel: 0.04	0.8416862
u	Yates corrected: 0.01	0.9233788
r		

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.24 (0.83 <OR< 1.85)
+| 35 | 2421 | 2456 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.24 (0.85 <RR< 1.81)
-| 111 | 9548 | 9659 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 146 11969 12115

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.25	0.2631962
s	Mantel-Haenszel: 1.25	0.2632159
u	Yates corrected: 1.03	0.3099562

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.26 (0.84 <OR< 1.87)
+| 35 | 1469 | 1504 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.25 (0.86 <RR< 1.82)
-| 111 | 5856 | 5967 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 146 7325 7471

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.37	0.2423851
s	Mantel-Haenszel: 1.37	0.2424166
u	Yates corrected: 1.13	0.2869552

+ Disease -			Analysis of Single Table	
+-----+	-----+		Odds ratio = 1.35 (0.90 <OR< 2.01)	
+	35	1827	Cornfield 95% confidence limits for OR	
+-----+	-----+		Relative risk = 1.34 (0.92 <RR< 1.95)	
-	111	7804	Taylor Series 95% confidence limits for RR	
+-----+	-----+		Ignore relative risk if case control study.	
E	146	9631	9777	
x	Chi-Squares			P-values
p	-----			-----
o	Uncorrected : 2.33			0.1265362
s	Mantel-Haenszel: 2.33			0.1265556
u	Yates corrected: 2.02			0.1551068

12) PROG 12 – FEMALE BREAST CANCER

+ Disease -			Analysis of Single Table	
+-----+	-----+		Odds ratio = 0.92 (0.74 <OR< 1.15)	
+	98	2421	Cornfield 95% confidence limits for OR	
+-----+	-----+		Relative risk = 0.93 (0.75 <RR< 1.14)	
-	651	14851	Taylor Series 95% confidence limits for RR	
+-----+	-----+		Ignore relative risk if case control study.	
E	749	17272	18021	
x	Chi-Squares			P-values
p	-----			-----
o	Uncorrected : 0.52			0.4710687
s	Mantel-Haenszel: 0.52			0.4710810
u	Yates corrected: 0.44			0.5048204

+ Disease -			Analysis of Single Table	
+-----+	-----+		Odds ratio = 0.98 (0.79 <OR< 1.23)	
+	98	1469	Cornfield 95% confidence limits for OR	
+-----+	-----+		Relative risk = 0.99 (0.80 <RR< 1.21)	
-	651	9607	Taylor Series 95% confidence limits for RR	
+-----+	-----+		Ignore relative risk if case control study.	
E	749	11076	11825	
x	Chi-Squares			P-values
p	-----			-----
o	Uncorrected : 0.02			0.8889136
s	Mantel-Haenszel: 0.02			0.8889182
u	Yates corrected: 0.01			0.9330545

+ Disease -			Analysis of Single Table	
+-----+	-----+		Odds ratio = 0.89 (0.71 <OR< 1.12)	
+	98	1827	Cornfield 95% confidence limits for OR	
+-----+	-----+		Relative risk = 0.90 (0.73 <RR< 1.11)	
-	651	10855	Taylor Series 95% confidence limits for RR	
+-----+	-----+		Ignore relative risk if case control study.	
E	749	12682	13431	
x	Chi-Squares			P-values
p	-----			-----
o	Uncorrected : 1.01			0.3156541
s	Mantel-Haenszel: 1.01			0.3156721
u	Yates corrected: 0.90			0.3422279

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.02 (0.81 <OR< 1.27)
+| 98 | 2421 | 2519 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.01 (0.82 <RR< 1.25)
-| 502 | 12594 | 13096 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 600 15015 15615

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.02	0.8912050
s	Mantel-Haenszel: 0.02	0.8912085
u	Yates corrected: 0.01	0.9360887

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.94 (0.74 <OR< 1.18)
+| 98 | 1469 | 1567 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.94 (0.76 <RR< 1.16)
-| 502 | 7041 | 7543 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 600 8510 9110

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.34	0.5601596
s	Mantel-Haenszel: 0.34	0.5601812
u	Yates corrected: 0.28	0.5984426

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.92 (0.73 <OR< 1.16)
+| 98 | 1827 | 1925 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.92 (0.75 <RR< 1.14)
-| 502 | 8617 | 9119 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 600 10444 11044

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.53	0.4664119
s	Mantel-Haenszel: 0.53	0.4664321
u	Yates corrected: 0.45	0.5009477

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.95 (0.77 <OR< 1.18)
+| 98 | 2421 | 2519 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.96 (0.78 <RR< 1.17)
-| 1307 | 30793 | 32100 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1405 33214 34619

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.20	0.6571576
s	Mantel-Haenszel: 0.20	0.6571622
u	Yates corrected: 0.15	0.6954932

Illness Indicators in Lompoc, California

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 1.01 (0.81 <OR< 1.25)	
+ 98 1469 1567	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 1.01 (0.83 <RR< 1.23)	
- 1307 19726 21033	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	

E 1405 21195 22600

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.00	0.9496283
s	Mantel-Haenszel: 0.00	0.9496294
u	Yates corrected: 0.00	0.9928595

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 0.98 (0.79 <OR< 1.21)	
+ 98 1827 1925	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 0.98 (0.80 <RR< 1.20)	
- 1307 23860 25167	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	

E 1405 25687 27092

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.04	0.8451747
s	Mantel-Haenszel: 0.04	0.8451775
u	Yates corrected: 0.02	0.8871141

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 1.18 (0.91 <OR< 1.52)	
+ 98 2421 2519	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 1.17 (0.92 <RR< 1.48)	
- 201 5841 6042	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	

E 299 8262 8561

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 1.68	0.1954417
s	Mantel-Haenszel: 1.68	0.1954678
u	Yates corrected: 1.51	0.2186759

+ Disease -	Analysis of Single Table	
-----+-----+	Odds ratio = 1.04 (0.80 <OR< 1.34)	
+ 98 1469 1567	Cornfield 95% confidence limits for OR	
-----+-----+	Relative risk = 1.04 (0.82 <RR< 1.31)	
- 201 3132 3333	Taylor Series 95% confidence limits for RR	
-----+-----+	Ignore relative risk if case control study.	

E 299 4601 4900

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.09	0.7606102
s	Mantel-Haenszel: 0.09	0.7606339
u	Yates corrected: 0.06	0.8097886

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.95 (0.73 <OR< 1.22)
+| 98 | 1827 | 1925 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.95 (0.75 <RR< 1.20)
-| 201 | 3555 | 3756 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 299 5382 5681

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.17	0.6772381
s	Mantel-Haenszel: 0.17	0.6772649
u	Yates corrected: 0.12	0.7237366

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.30 (1.02 <OR< 1.65)
+| 98 | 2421 | 2519 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.29 (1.03 <RR< 1.61)
-| 297 | 9548 | 9845 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 395 11969 12364

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 4.95	0.0260837 ---
s	Mantel-Haenszel: 4.95	0.0260897 ---
u	Yates corrected: 4.67	0.0306583 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.32 (1.03 <OR< 1.68)
+| 98 | 1469 | 1567 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.30 (1.04 <RR< 1.62)
-| 297 | 5856 | 6153 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 395 7325 7720

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.24	0.0220839 ---
s	Mantel-Haenszel: 5.24	0.0220925 ---
u	Yates corrected: 4.95	0.0261007 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.41 (1.11 <OR< 1.79)
+| 98 | 1827 | 1925 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.39 (1.11 <RR< 1.74)
-| 297 | 7804 | 8101 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 395 9631 10026

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 8.34	0.0038738 ---
s	Mantel-Haenszel: 8.34	0.0038756 ---
u	Yates corrected: 7.97	0.0047563 ---

13) PROG 13 - RESPIRATORY MALIGNANCY

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.98 (0.75 <OR< 1.28)
 +| 68 | 2421 | 2489 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.98 (0.76 <RR< 1.26)
 -| 426 | 14851 | 15277 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 494 17272 17766

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.03	0.8737193
s	Mantel-Haenszel: 0.03	0.8737228
u	Yates corrected: 0.01	0.9257428

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.04 (0.80 <OR< 1.37)
 +| 68 | 1469 | 1537 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.04 (0.81 <RR< 1.34)
 -| 426 | 9607 | 10033 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 494 11076 11570

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.10	0.7475920
s	Mantel-Haenszel: 0.10	0.7476026
u	Yates corrected: 0.06	0.7994389

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.95 (0.72 <OR< 1.24)
 +| 68 | 1827 | 1895 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.95 (0.74 <RR< 1.22)
 -| 426 | 10855 | 11281 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 494 12682 13176

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.16	0.6903678
s	Mantel-Haenszel: 0.16	0.6903789
u	Yates corrected: 0.11	0.7391257

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.01 (0.77 <OR< 1.33)
 +| 68 | 2421 | 2489 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.01 (0.78 <RR< 1.31)
 -| 349 | 12594 | 12943 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 417 15015 15432

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.01	0.9201340
s	Mantel-Haenszel: 0.01	0.9201366
u	Yates corrected: 0.00	0.9738545

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.93 (0.71 <OR< 1.23)
+| 68 | 1469 | 1537 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.94 (0.73 <RR< 1.21)
-| 349 | 7041 | 7390 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 417 8510 8927

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.25 0.6139838
s	Mantel-Haenszel:	0.25 0.6140036
u	Yates corrected:	0.19 0.6614085

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.92 (0.70 <OR< 1.21)
+| 68 | 1827 | 1895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.92 (0.71 <RR< 1.19)
-| 349 | 8617 | 8966 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 417 10444 10861

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.39 0.5313448
s	Mantel-Haenszel:	0.39 0.5313637
u	Yates corrected:	0.31 0.5753683

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.97 (0.75 <OR< 1.26)
+| 68 | 2421 | 2489 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.97 (0.76 <RR< 1.24)
-| 888 | 30793 | 31681 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 956 33214 34170

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.04 0.8363264
s	Mantel-Haenszel:	0.04 0.8363287
u	Yates corrected:	0.02 0.8859117

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.03 (0.79 <OR< 1.33)
+| 68 | 1469 | 1537 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.03 (0.81 <RR< 1.31)
-| 888 | 19726 | 20614 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 956 21195 22151

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.05 0.8284214
s	Mantel-Haenszel:	0.05 0.8284252
u	Yates corrected:	0.02 0.8794478

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.00 (0.77 <OR< 1.29)
+| 68 | 1827 | 1895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.00 (0.78 <RR< 1.27)
-| 888 | 23860 | 24748 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 956 25687 26643

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	0.00 0.9996009
s	Mantel-Haenszel:	0.00 0.9996009
u	Yates corrected:	0.00 0.9493093

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.79 (0.59 <OR< 1.05)
+| 68 | 2421 | 2489 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.79 (0.61 <RR< 1.04)
-| 208 | 5841 | 6049 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 276 8262 8538

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	2.81 0.0934265
s	Mantel-Haenszel:	2.81 0.0934457
u	Yates corrected:	2.59 0.1073385

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.70 (0.52 <OR< 0.93)
+| 68 | 1469 | 1537 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.71 (0.54 <RR< 0.93)
-| 208 | 3132 | 3340 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 276 4601 4877

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	6.41 0.0113376 ---
s	Mantel-Haenszel:	6.41 0.0113460 ---
u	Yates corrected:	6.08 0.0136852 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.64 (0.48 <OR< 0.85)
+| 68 | 1827 | 1895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.65 (0.50 <RR< 0.85)
-| 208 | 3555 | 3763 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 276 5382 5658

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected :	10.21 0.0013944 ---
s	Mantel-Haenszel:	10.21 0.0013958 ---
u	Yates corrected:	9.80 0.0017456 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.22 (0.92 <OR< 1.62)
+| 68 | 2421 | 2489 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.21 (0.93 <RR< 1.59)
-| 220 | 9548 | 9768 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 288 11969 12257

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.99	0.1583528
s	Mantel-Haenszel: 1.99	0.1583698
u	Yates corrected: 1.79	0.1813800

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.23 (0.92 <OR< 1.64)
+| 68 | 1469 | 1537 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.22 (0.94 <RR< 1.59)
-| 220 | 5856 | 6076 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 288 7325 7613

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.18	0.1402460
s	Mantel-Haenszel: 2.17	0.1402720
u	Yates corrected: 1.96	0.1614987

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.32 (0.99 <OR< 1.76)
+| 68 | 1827 | 1895 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.31 (1.00 <RR< 1.71)
-| 220 | 7804 | 8024 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 288 9631 9919

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 3.90	0.0483604 ---
s	Mantel-Haenszel: 3.90	0.0483717 ---
u	Yates corrected: 3.60	0.0576789

14) PROG 14 - SEIZURES AND HEADACHES

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.78 (0.64 <OR< 0.96)
+| 114 | 2421 | 2535 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.79 (0.65 <RR< 0.96)
-| 895 | 14851 | 15746 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1009 17272 18281

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.90	0.0151501 ---
s	Mantel-Haenszel: 5.90	0.0151529 ---
u	Yates corrected: 5.67	0.0172229 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.83 (0.68 <OR< 1.02)
+| 114 | 1469 | 1583 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.85 (0.70 <RR< 1.02)
-| 895 | 9607 | 10502 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 1009 11076 12085

	Chi-Squares	P-values
x		
p	-----	-----
o	Uncorrected : 3.14	0.0766024
s	Mantel-Haenszel: 3.14	0.0766146
u	Yates corrected: 2.97	0.0850666

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.76 (0.62 <OR< 0.93)
+| 114 | 1827 | 1941 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.77 (0.64 <RR< 0.93)
-| 895 | 10855 | 11750 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 1009 12682 13691

	Chi-Squares	P-values
x		
p	-----	-----
o	Uncorrected : 7.42	0.0064509 ---
s	Mantel-Haenszel: 7.42	0.0064529 ---
u	Yates corrected: 7.17	0.0074274 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.74 (0.60 <OR< 0.91)
+| 114 | 2421 | 2535 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.75 (0.62 <RR< 0.91)
-| 798 | 12594 | 13392 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 912 15015 15927

	Chi-Squares	P-values
x		
p	-----	-----
o	Uncorrected : 8.44	0.0036770 ---
s	Mantel-Haenszel: 8.44	0.0036781 ---
u	Yates corrected: 8.17	0.0042632 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.68 (0.56 <OR< 0.84)
+| 114 | 1469 | 1583 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.71 (0.59 <RR< 0.85)
-| 798 | 7041 | 7839 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 912 8510 9422

	Chi-Squares	P-values
x		
p	-----	-----
o	Uncorrected : 13.36	0.0002566 ---
s	Mantel-Haenszel: 13.36	0.0002568 ---
u	Yates corrected: 13.02	0.0003074 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.67 (0.55 <OR< 0.83)
+| 114 | 1827 | 1941 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.69 (0.57 <RR< 0.84)
-| 798 | 8617 | 9415 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 912 10444 11356

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 14.76	0.0001223 ---
s	Mantel-Haenszel: 14.76	0.0001223 ---
u	Yates corrected: 14.41	0.0001472 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.85 (0.70 <OR< 1.04)
+| 114 | 2421 | 2535 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.86 (0.71 <RR< 1.04)
-| 1698 | 30793 | 32491 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1812 33214 35026

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.55	0.1104614
s	Mantel-Haenszel: 2.55	0.1104665
u	Yates corrected: 2.40	0.1212448

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.90 (0.74 <OR< 1.10)
+| 114 | 1469 | 1583 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.91 (0.76 <RR< 1.09)
-| 1698 | 19726 | 21424 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1812 21195 23007

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.07	0.3019735
s	Mantel-Haenszel: 1.07	0.3019840
u	Yates corrected: 0.97	0.3251828

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.88 (0.72 <OR< 1.07)
+| 114 | 1827 | 1941 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.88 (0.74 <RR< 1.06)
-| 1698 | 23860 | 25558 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1812 25687 27499

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.74	0.1871700
s	Mantel-Haenszel: 1.74	0.1871780
u	Yates corrected: 1.62	0.2035338

+ Disease - Analysis of Single Table
+-----+-----+
+| 114 | 2421 | 2535 Odds ratio = 1.22 (0.96 <OR< 1.54)
+-----+-----+
-| 226 | 5841 | 6067 Cornfield 95% confidence limits for OR
+-----+-----+
E 340 8262 8602 Relative risk = 1.21 (0.97 <RR< 1.50)
x Taylor Series 95% confidence limits for RR
p Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 2.81	0.0938737
s	Mantel-Haenszel: 2.81	0.0938928
u	Yates corrected: 2.61	0.1063931

+ Disease - Analysis of Single Table
+-----+-----+
+| 114 | 1469 | 1583 Odds ratio = 1.08 (0.85 <OR< 1.37)
+-----+-----+
-| 226 | 3132 | 3358 Cornfield 95% confidence limits for OR
+-----+-----+
E 340 4601 4941 Relative risk = 1.07 (0.86 <RR< 1.33)
x Taylor Series 95% confidence limits for RR
p Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.37	0.5413887
s	Mantel-Haenszel: 0.37	0.5414296
u	Yates corrected: 0.30	0.5819808

+ Disease - Analysis of Single Table
+-----+-----+
+| 114 | 1827 | 1941 Odds ratio = 0.98 (0.77 <OR< 1.25)
+-----+-----+
-| 226 | 3555 | 3781 Cornfield 95% confidence limits for OR
+-----+-----+
E 340 5382 5722 Relative risk = 0.98 (0.79 <RR< 1.22)
x Taylor Series 95% confidence limits for RR
p Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.02	0.8748210
s	Mantel-Haenszel: 0.02	0.8748318
u	Yates corrected: 0.01	0.9215497

+ Disease - Analysis of Single Table
+-----+-----+
+| 114 | 2421 | 2535 Odds ratio = 1.24 (0.99 <OR< 1.54)
+-----+-----+
-| 364 | 9548 | 9912 Cornfield 95% confidence limits for OR
+-----+-----+
E 478 11969 12447 Relative risk = 1.22 (1.00 <RR< 1.50)
x Taylor Series 95% confidence limits for RR
p Ignore relative risk if case control study.

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 3.72	0.0538213
s	Mantel-Haenszel: 3.72	0.0538309
u	Yates corrected: 3.50	0.0614336

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.25 (1.00 <OR< 1.56)
+| 114 | 1469 | 1583 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.23 (1.00 <RR< 1.51)
-| 364 | 5856 | 6220 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 478 7325 7803

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 4.00	0.0456158 ---
s	Mantel-Haenszel: 4.00	0.0456297 ---
u	Yates corrected: 3.76	0.0523512

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.34 (1.07 <OR< 1.67)
+| 114 | 1827 | 1941 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.32 (1.07 <RR< 1.62)
-| 364 | 7804 | 8168 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 478 9631 10109

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 6.99	0.0082027 ---
s	Mantel-Haenszel: 6.99	0.0082058 ---
u	Yates corrected: 6.68	0.0097626 ---

15) PROG 15 – DIGESTIVE CANCER

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.57 (0.36 <OR< 0.89)
+| 22 | 2421 | 2443 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.57 (0.37 <RR< 0.88)
-| 238 | 14851 | 15089 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 260 17272 17532

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 6.59	0.0102463 ---
s	Mantel-Haenszel: 6.59	0.0102484 ---
u	Yates corrected: 6.14	0.0132420 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.60 (0.38 <OR< 0.96)
+| 22 | 1469 | 1491 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.61 (0.40 <RR< 0.94)
-| 238 | 9607 | 9845 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 260 11076 11336

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.13	0.0235580 ---
s	Mantel-Haenszel: 5.13	0.0235641 ---
u	Yates corrected: 4.72	0.0298976 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.55 (0.34 <OR< 0.87)
+| 22 | 1827 | 1849 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.55 (0.36 <RR< 0.86)
-| 238 | 10855 | 11093 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 260 12682 12942

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 7.35	0.0066968 ---
s	Mantel-Haenszel: 7.35	0.0066989 ---
u	Yates corrected: 6.88	0.0087405 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.87 (0.54 <OR< 1.40)
+| 22 | 2421 | 2443 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.87 (0.56 <RR< 1.37)
-| 131 | 12594 | 12725 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 153 15015 15168

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.34	0.5591185
s	Mantel-Haenszel: 0.34	0.5591315
u	Yates corrected: 0.22	0.6357669

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.80 (0.50 <OR< 1.29)
+| 22 | 1469 | 1491 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.81 (0.52 <RR< 1.26)
-| 131 | 7041 | 7172 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 153 8510 8663

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 0.88	0.3491085
s	Mantel-Haenszel: 0.88	0.3491363
u	Yates corrected: 0.69	0.4075146

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.79 (0.49 <OR< 1.27)
+| 22 | 1827 | 1849 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.79 (0.51 <RR< 1.24)
-| 131 | 8617 | 8748 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 153 10444 10597

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 1.02	0.3136378
s	Mantel-Haenszel: 1.02	0.3136606
u	Yates corrected: 0.81	0.3679434

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.71 (0.45 <OR< 1.11)
+| 22 | 2421 | 2443 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.71 (0.47 <RR< 1.10)
-| 393 | 30793 | 31186 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 415 33214 33629

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.40	0.1210039
s	Mantel-Haenszel: 2.40	0.1210094
u	Yates corrected: 2.12	0.1455523

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.75 (0.48 <OR< 1.18)
+| 22 | 1469 | 1491 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.76 (0.49 <RR< 1.16)
-| 393 | 19726 | 20119 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 415 21195 21610

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.68	0.1945416
s	Mantel-Haenszel: 1.68	0.1945519
u	Yates corrected: 1.44	0.2303429

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.73 (0.46 <OR< 1.14)
+| 22 | 1827 | 1849 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.73 (0.48 <RR< 1.13)
-| 393 | 23860 | 24253 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 415 25687 26102

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.04	0.1536339
s	Mantel-Haenszel: 2.04	0.1536417
u	Yates corrected: 1.77	0.1833949

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.71 (0.43 <OR< 1.17)
+| 22 | 2421 | 2443 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.71 (0.44 <RR< 1.14)
-| 75 | 5841 | 5916 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 97 8262 8359

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.03	0.1539375
s	Mantel-Haenszel: 2.03	0.1539622
u	Yates corrected: 1.73	0.1890207

+ Disease -		Analysis of Single Table	
+-----+	+-----+	Odds ratio = 0.63 (0.38 <OR< 1.03)	
+ 22 1469 1491		Cornfield 95% confidence limits for OR	
+-----+	+-----+	Relative risk = 0.63 (0.39 <RR< 1.01)	
- 75 3132 3207		Taylor Series 95% confidence limits for RR	
+-----+	+-----+	Ignore relative risk if case control study.	
E 97 4601 4698			
x		Chi-Squares	P-values
p		-----	-----
o		Uncorrected : 3.75 0.0528154	
s		Mantel-Haenszel: 3.75 0.0528406	
u		Yates corrected: 3.34 0.0678182	

+ Disease -		Analysis of Single Table	
+-----+	+-----+	Odds ratio = 0.57 (0.34 <OR< 0.94)	
+ 22 1827 1849		Cornfield 95% confidence limits for OR	
+-----+	+-----+	Relative risk = 0.58 (0.36 <RR< 0.92)	
- 75 3555 3630		Taylor Series 95% confidence limits for RR	
+-----+	+-----+	Ignore relative risk if case control study.	
E 97 5382 5479			
x		Chi-Squares	P-values
p		-----	-----
o		Uncorrected : 5.41 0.0200330 ---	
s		Mantel-Haenszel: 5.41 0.0200443 ---	
u		Yates corrected: 4.92 0.0265957 ---	

+ Disease -		Analysis of Single Table	
+-----+	+-----+	Odds ratio = 1.01 (0.61 <OR< 1.65)	
+ 22 2421 2443		Cornfield 95% confidence limits for OR	
+-----+	+-----+	Relative risk = 1.01 (0.63 <RR< 1.61)	
- 86 9548 9634		Taylor Series 95% confidence limits for RR	
+-----+	+-----+	Ignore relative risk if case control study.	
E 108 11969 12077			
x		Chi-Squares	P-values
p		-----	-----
o		Uncorrected : 0.00 0.9705973	
s		Mantel-Haenszel: 0.00 0.9705985	
u		Yates corrected: 0.01 0.9334928	

+ Disease -		Analysis of Single Table	
+-----+	+-----+	Odds ratio = 1.02 (0.62 <OR< 1.67)	
+ 22 1469 1491		Cornfield 95% confidence limits for OR	
+-----+	+-----+	Relative risk = 1.02 (0.64 <RR< 1.62)	
- 86 5856 5942		Taylor Series 95% confidence limits for RR	
+-----+	+-----+	Ignore relative risk if case control study.	
E 108 7325 7433			
x		Chi-Squares	P-values
p		-----	-----
o		Uncorrected : 0.01 0.9351642	
s		Mantel-Haenszel: 0.01 0.9351685	
u		Yates corrected: 0.00 0.9683471	

+ Disease -			Analysis of Single Table		
+	22	1827	1849	Odds ratio = 1.09 (0.66 <OR< 1.79)	
-	86	7804	7890	Cornfield 95% confidence limits for OR	
E	108	9631	9739	Relative risk = 1.09 (0.69 <RR< 1.74)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o					
s					
u					

Chi-Squares P-values

x				
p				
o	Uncorrected	:	0.14 0.7121172	
s	Mantel-Haenszel:		0.14 0.7121313	
u	Yates corrected:		0.06 0.8059528	

16) PROG 16 – COPD

+ Disease -			Analysis of Single Table		
+	126	2421	2547	Odds ratio = 0.80 (0.66 <OR< 0.97)	
-	968	14851	15819	Cornfield 95% confidence limits for OR	
E	1094	17272	18366	Relative risk = 0.81 (0.67 <RR< 0.97)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o					
s					
u					

x					
p					
o	Uncorrected	:	5.38 0.0203538 ---		
s	Mantel-Haenszel:		5.38 0.0203573 ---		
u	Yates corrected:		5.17 0.0229265 ---		

+ Disease -			Analysis of Single Table		
+	126	1469	1595	Odds ratio = 0.85 (0.70 <OR< 1.04)	
-	968	9607	10575	Cornfield 95% confidence limits for OR	
E	1094	11076	12170	Relative risk = 0.86 (0.72 <RR< 1.03)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o					
s					
u					

x					
p					
o	Uncorrected	:	2.66 0.1026515		
s	Mantel-Haenszel:		2.66 0.1026656		
u	Yates corrected:		2.51 0.1129260		

+ Disease -			Analysis of Single Table		
+	126	1827	1953	Odds ratio = 0.77 (0.64 <OR< 0.94)	
-	968	10855	11823	Cornfield 95% confidence limits for OR	
E	1094	12682	13776	Relative risk = 0.79 (0.66 <RR< 0.94)	
x				Taylor Series 95% confidence limits for RR	
p				Ignore relative risk if case control study.	
o					
s					
u					

x					
p					
o	Uncorrected	:	6.91 0.0085808 ---		
s	Mantel-Haenszel:		6.91 0.0085832 ---		
u	Yates corrected:		6.67 0.0097902 ---		

Illness Indicators in Lompoc, California

+ Disease -			Analysis of Single Table	
+	126	2421 2547	Odds ratio = 0.83 (0.68 <OR< 1.01)	
+	788	12594 13382	Cornfield 95% confidence limits for OR	
-	914	15015 15929	Relative risk = 0.84 (0.70 <RR< 1.01)	
+			Taylor Series 95% confidence limits for RR	
+			Ignore relative risk if case control study.	
x			Chi-Squares P-values	
p			----- -----	
o			Uncorrected : 3.51	0.0611155
s			Mantel-Haenszel: 3.51	0.0611237
u			Yates corrected: 3.33	0.0678230

+ Disease -			Analysis of Single Table	
+	126	1469 1595	Odds ratio = 0.77 (0.63 <OR< 0.94)	
+	788	7041 7829	Cornfield 95% confidence limits for OR	
-	914	8510 9424	Relative risk = 0.78 (0.66 <RR< 0.94)	
+			Taylor Series 95% confidence limits for RR	
+			Ignore relative risk if case control study.	
x			Chi-Squares P-values	
p			----- -----	
o			Uncorrected : 7.09	0.0077318 ---
s			Mantel-Haenszel: 7.09	0.0077351 ---
u			Yates corrected: 6.85	0.0088668 ---

+ Disease -			Analysis of Single Table	
+	126	1827 1953	Odds ratio = 0.75 (0.62 <OR< 0.92)	
+	788	8617 9405	Cornfield 95% confidence limits for OR	
-	914	10444 11358	Relative risk = 0.77 (0.64 <RR< 0.92)	
+			Taylor Series 95% confidence limits for RR	
+			Ignore relative risk if case control study.	
x			Chi-Squares P-values	
p			----- -----	
o			Uncorrected : 8.11	0.0043908 ---
s			Mantel-Haenszel: 8.11	0.0043925 ---
u			Yates corrected: 7.86	0.0050642 ---

+ Disease -			Analysis of Single Table	
+	126	2421 2547	Odds ratio = 0.77 (0.64 <OR< 0.93)	
+	2089	30793 32882	Cornfield 95% confidence limits for OR	
-	2215	33214 35429	Relative risk = 0.78 (0.65 <RR< 0.93)	
+			Taylor Series 95% confidence limits for RR	
+			Ignore relative risk if case control study.	
x			Chi-Squares P-values	
p			----- -----	
o			Uncorrected : 7.97	0.0047473 ---
s			Mantel-Haenszel: 7.97	0.0047479 ---
u			Yates corrected: 7.74	0.0054155 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.81 (0.67 <OR< 0.98)
+| 126 | 1469 | 1595 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.82 (0.69 <RR< 0.98)
-| 2089 | 19726 | 21815 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2215 21195 23410

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 4.88	0.0272421 ---
s	Mantel-Haenszel: 4.88	0.0272454 ---
u	Yates corrected: 4.68	0.0304859 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.79 (0.65 <OR< 0.95)
+| 126 | 1827 | 1953 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.80 (0.67 <RR< 0.95)
-| 2089 | 23860 | 25949 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2215 25687 27902

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 6.35	0.0117205 ---
s	Mantel-Haenszel: 6.35	0.0117220 ---
u	Yates corrected: 6.14	0.0132473 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.67 (0.54 <OR< 0.82)
+| 126 | 2421 | 2547 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.68 (0.56 <RR< 0.83)
-| 457 | 5841 | 6298 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 583 8262 8845

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 15.71	0.0000739 ---
s	Mantel-Haenszel: 15.71	0.0000740 ---
u	Yates corrected: 15.34	0.0000900 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.59 (0.48 <OR< 0.73)
+| 126 | 1469 | 1595 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.62 (0.51 <RR< 0.75)
-| 457 | 3132 | 3589 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 583 4601 5184

	Chi-Squares	P-values
x		
p		
o	Uncorrected : 25.85	0.0000004 ---
s	Mantel-Haenszel: 25.84	0.0000004 ---
u	Yates corrected: 25.37	0.0000005 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.54 (0.43 <OR< 0.66)
 +| 126 | 1827 | 1953 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.57 (0.47 <RR< 0.68)
 -| 457 | 3555 | 4012 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 583 5382 5965

x Chi-Squares P-values
 p -----
 o Uncorrected : 36.34 0.0000000 ---
 s Mantel-Haenszel: 36.33 0.0000000 ---
 u Yates corrected: 35.78 0.0000000 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.64 (0.52 <OR< 0.77)
 +| 126 | 2421 | 2547 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.65 (0.54 <RR< 0.78)
 -| 782 | 9548 | 10330 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 908 11969 12877

x Chi-Squares P-values
 p -----
 o Uncorrected : 21.45 0.0000036 ---
 s Mantel-Haenszel: 21.45 0.0000036 ---
 u Yates corrected: 21.05 0.0000045 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.64 (0.53 <OR< 0.79)
 +| 126 | 1469 | 1595 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.67 (0.56 <RR< 0.80)
 -| 782 | 5856 | 6638 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 908 7325 8233

x Chi-Squares P-values
 p -----
 o Uncorrected : 19.74 0.0000089 ---
 s Mantel-Haenszel: 19.74 0.0000089 ---
 u Yates corrected: 19.35 0.0000109 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.69 (0.56 <OR< 0.84)
 +| 126 | 1827 | 1953 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.71 (0.59 <RR< 0.85)
 -| 782 | 7804 | 8586 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 908 9631 10539

x Chi-Squares P-values
 p -----
 o Uncorrected : 14.26 0.0001594 ---
 s Mantel-Haenszel: 14.26 0.0001595 ---
 u Yates corrected: 13.92 0.0001905 ---

17) PROG 17 – RESPIRATORY INFECTION AND INFLAMMATION

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.69 (0.55 <OR< 0.87)
+| 88 | 2421 | 2509 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.71 (0.57 <RR< 0.88)
-| 777 | 14851 | 15628 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 865 17272 18137

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 10.21	0.0013978 ---
s	Mantel-Haenszel: 10.21	0.0013982 ---
u	Yates corrected: 9.89	0.0016628 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.74 (0.59 <OR< 0.93)
+| 88 | 1469 | 1557 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.76 (0.61 <RR< 0.94)
-| 777 | 9607 | 10384 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 865 11076 11941

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 6.75	0.0093536 ---
s	Mantel-Haenszel: 6.75	0.0093566 ---
u	Yates corrected: 6.48	0.0108831 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.67 (0.53 <OR< 0.85)
+| 88 | 1827 | 1915 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.69 (0.55 <RR< 0.85)
-| 777 | 10855 | 11632 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 865 12682 13547

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 11.95	0.0005455 ---
s	Mantel-Haenszel: 11.95	0.0005458 ---
u	Yates corrected: 11.61	0.0006570 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.82 (0.65 <OR< 1.04)
+| 88 | 2421 | 2509 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.83 (0.66 <RR< 1.03)
-| 559 | 12594 | 13153 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 647 15015 15662

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 2.93	0.0867317
s	Mantel-Haenszel: 2.93	0.0867418
u	Yates corrected: 2.75	0.0972850

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.75 (0.59 <OR< 0.96)
 +| 88 | 1469 | 1557 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.77 (0.62 <RR< 0.96)
 -| 559 | 7041 | 7600 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 647 8510 9157

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 5.71	0.0168682 ---
s	Mantel-Haenszel: 5.71	0.0168742 ---
u	Yates corrected: 5.45	0.0195283 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.74 (0.59 <OR< 0.94)
 +| 88 | 1827 | 1915 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.75 (0.61 <RR< 0.94)
 -| 559 | 8617 | 9176 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 647 10444 11091

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 6.46	0.0110287 ---
s	Mantel-Haenszel: 6.46	0.0110323 ---
u	Yates corrected: 6.19	0.0128394 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.58 (0.46 <OR< 0.72)
 +| 88 | 2421 | 2509 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.59 (0.48 <RR< 0.73)
 -| 1936 | 30793 | 32729 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 2024 33214 35238

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 24.96	0.0000006 ---
s	Mantel-Haenszel: 24.96	0.0000006 ---
u	Yates corrected: 24.51	0.0000007 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.61 (0.49 <OR< 0.76)
 +| 88 | 1469 | 1557 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.63 (0.51 <RR< 0.78)
 -| 1936 | 19726 | 21662 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 2024 21195 23219

x	Chi-Squares	P-values
p	-----	-----
o	Uncorrected : 19.70	0.0000090 ---
s	Mantel-Haenszel: 19.70	0.0000090 ---
u	Yates corrected: 19.29	0.0000112 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.59 (0.47 <OR< 0.74)
+| 88 | 1827 | 1915 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.61 (0.50 <RR< 0.75)
-| 1936 | 23860 | 25796 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 2024 25687 27711

x	Chi-Squares	P-values
p	----- -----	
o	Uncorrected :	22.29 0.0000023 ---
s	Mantel-Haenszel:	22.29 0.0000023 ---
u	Yates corrected:	21.86 0.0000029 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.51 (0.40 <OR< 0.65)
+| 88 | 2421 | 2509 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.53 (0.42 <RR< 0.66)
-| 414 | 5841 | 6255 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 502 8262 8764

x	Chi-Squares	P-values
p	----- -----	
o	Uncorrected :	32.10 0.0000000 ---
s	Mantel-Haenszel:	32.10 0.0000000 ---
u	Yates corrected:	31.53 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.45 (0.35 <OR< 0.58)
+| 88 | 1469 | 1557 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.48 (0.39 <RR< 0.60)
-| 414 | 3132 | 3546 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 502 4601 5103

x	Chi-Squares	P-values
p	----- -----	
o	Uncorrected :	44.25 0.0000000 ---
s	Mantel-Haenszel:	44.25 0.0000000 ---
u	Yates corrected:	43.58 0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.41 (0.32 <OR< 0.53)
+| 88 | 1827 | 1915 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.44 (0.35 <RR< 0.55)
-| 414 | 3555 | 3969 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 502 5382 5884

x	Chi-Squares	P-values
p	----- -----	
o	Uncorrected :	56.37 0.0000000 ---
s	Mantel-Haenszel:	56.36 0.0000000 ---
u	Yates corrected:	55.62 0.0000000 ---

Illness Indicators in Lompoc, California

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 0.59 (0.46 <OR< 0.74)		
+ 88 2421 2509			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 0.60 (0.48 <RR< 0.75)		
- 591 9548 10139			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 679 11969 12648

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 21.34	0.0000038 ---
s			Mantel-Haenszel: 21.34	0.0000039 ---
u			Yates corrected: 20.88	0.0000049 ---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 0.59 (0.47 <OR< 0.75)		
+ 88 1469 1557			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 0.62 (0.50 <RR< 0.77)		
- 591 5856 6447			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 679 7325 8004

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 19.96	0.0000079 ---
s			Mantel-Haenszel: 19.96	0.0000079 ---
u			Yates corrected: 19.51	0.0000100 ---

+ Disease -			Analysis of Single Table		
+-----+	+-----+	+-----+	Odds ratio = 0.64 (0.50 <OR< 0.80)		
+ 88 1827 1915			Cornfield 95% confidence limits for OR		
+-----+	+-----+	+-----+	Relative risk = 0.65 (0.52 <RR< 0.81)		
- 591 7804 8395			Taylor Series 95% confidence limits for RR		
+-----+	+-----+	+-----+	Ignore relative risk if case control study.		

E 679 9631 10310

			Chi-Squares	P-values
x			-----	-----
p				
o			Uncorrected : 15.15	0.0000995 ---
s			Mantel-Haenszel: 15.15	0.0000995 ---
u			Yates corrected: 14.75	0.0001226 ---

18) PROG 18 – LYMPHOMAS

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.79 (0.59 <OR< 1.07)
+| 53 | 2421 | 2474 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.80 (0.60 <RR< 1.06)
-| 410 | 14851 | 15261 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 463 17272 17735

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 2.48	0.1152493
s	Mantel-Haenszel: 2.48	0.1152596
u	Yates corrected: 2.27	0.1317929

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.85 (0.62 <OR< 1.14)
+| 53 | 1469 | 1522 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.85 (0.64 <RR< 1.13)
-| 410 | 9607 | 10017 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 463 11076 11539

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 1.28	0.2579437
s	Mantel-Haenszel: 1.28	0.2579643
u	Yates corrected: 1.13	0.2886111

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.77 (0.57 <OR< 1.04)
+| 53 | 1827 | 1880 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.77 (0.58 <RR< 1.03)
-| 410 | 10855 | 11265 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 463 12682 13145

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 3.19	0.0740279
s	Mantel-Haenszel: 3.19	0.0740389
u	Yates corrected: 2.95	0.0856386

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.02 (0.75 <OR< 1.39)
+| 53 | 2421 | 2474 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.02 (0.77 <RR< 1.37)
-| 269 | 12594 | 12863 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 322 15015 15337

	Chi-Squares	P-values
x	-----	-----
p	-----	-----
o	Uncorrected : 0.03	0.8712493
s	Mantel-Haenszel: 0.03	0.8712535
u	Yates corrected: 0.01	0.9318569

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.94 (0.69 <OR< 1.29)
 +| 53 | 1469 | 1522 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.95 (0.71 <RR< 1.26)
 -| 269 | 7041 | 7310 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 322 8510 8832
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.14 0.7082217
 s Mantel-Haenszel: 0.14 0.7082375
 u Yates corrected: 0.09 0.7648766

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.93 (0.68 <OR< 1.26)
 +| 53 | 1827 | 1880 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.93 (0.70 <RR< 1.24)
 -| 269 | 8617 | 8886 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 322 10444 10766
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.23 0.6303642
 s Mantel-Haenszel: 0.23 0.6303801
 u Yates corrected: 0.17 0.6842307

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.76 (0.57 <OR< 1.02)
 +| 53 | 2421 | 2474 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.77 (0.58 <RR< 1.01)
 -| 886 | 30793 | 31679 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 939 33214 34153
 x Chi-Squares P-values
 p -----
 o Uncorrected : 3.68 0.0551756
 s Mantel-Haenszel: 3.68 0.0551791
 u Yates corrected: 3.44 0.0637879

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.80 (0.60 <OR< 1.07)
 +| 53 | 1469 | 1522 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.81 (0.62 <RR< 1.06)
 -| 886 | 19726 | 20612 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 939 21195 22134
 x Chi-Squares P-values
 p -----
 o Uncorrected : 2.32 0.1273658
 s Mantel-Haenszel: 2.32 0.1273744
 u Yates corrected: 2.13 0.1446536
 r

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.78 (0.58 <OR< 1.04)
+| 53 | 1827 | 1880 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.79 (0.60 <RR< 1.03)
-| 886 | 23860 | 24746 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 939 25687 26626

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 2.98	0.0845129
s	Mantel-Haenszel: 2.98	0.0845187
u	Yates corrected: 2.76	0.0968679

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.85 (0.61 <OR< 1.17)
+| 53 | 2421 | 2474 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.85 (0.62 <RR< 1.16)
-| 151 | 5841 | 5992 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 204 8262 8466

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 1.06	0.3026415
s	Mantel-Haenszel: 1.06	0.3026701
u	Yates corrected: 0.91	0.3406579

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.75 (0.54 <OR< 1.04)
+| 53 | 1469 | 1522 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.76 (0.56 <RR< 1.03)
-| 151 | 3132 | 3283 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 204 4601 4805

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 3.19	0.0739698
s	Mantel-Haenszel: 3.19	0.0739999
u	Yates corrected: 2.92	0.0872844

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.68 (0.49 <OR< 0.95)
+| 53 | 1827 | 1880 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.69 (0.51 <RR< 0.94)
-| 151 | 3555 | 3706 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 204 5382 5586

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 5.59	0.0181044 ---
s	Mantel-Haenszel: 5.59	0.0181147 ---
u	Yates corrected: 5.23	0.0221374 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.08 (0.78 <OR< 1.48)
+| 53 | 2421 | 2474 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.08 (0.80 <RR< 1.45)
-| 194 | 9548 | 9742 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 247 11969 12216

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.23	0.6339185
s	Mantel-Haenszel: 0.23	0.6339324
u	Yates corrected: 0.16	0.6919263

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.09 (0.79 <OR< 1.50)
+| 53 | 1469 | 1522 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.09 (0.81 <RR< 1.46)
-| 194 | 5856 | 6050 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 247 7325 7572

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.29	0.5884247
s	Mantel-Haenszel: 0.29	0.5884493
u	Yates corrected: 0.21	0.6452246

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.17 (0.85 <OR< 1.60)
+| 53 | 1827 | 1880 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.16 (0.86 <RR< 1.57)
-| 194 | 7804 | 7998 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.

E 247 9631 9878

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 0.97	0.3254313
s	Mantel-Haenszel: 0.97	0.3254558
u	Yates corrected: 0.81	0.3674388

Aggregate OR's for Pattern Analysis 2

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.84 (1.69 <OR< 2.01)
+| 602 | 5717 | 6319 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.76 (1.63 <RR< 1.90)
-| 9945 |173680 |183625 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 10547 179397 189944

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 196.85	0.0000000 ---
s	Mantel-Haenszel: 196.85	0.0000000 ---
u	Yates corrected: 196.07	0.0000000 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 2.22 (1.43 <OR< 3.41)
+| 24 | 5717 | 5741 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 2.21 (1.46 <RR< 3.34)
-| 329 |173680 |174009 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 353 179397 179750

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 14.87	0.0001154 ---
s	Mantel-Haenszel: 14.87	0.0001154 ---
u	Yates corrected: 13.72	0.0002120 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.62 (1.24 <OR< 2.11)
+| 61 | 5717 | 5778 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.61 (1.25 <RR< 2.08)
-| 1146 |173680 |174826 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 1207 179397 180604

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 13.50	0.0002392 ---
s	Mantel-Haenszel: 13.50	0.0002392 ---
u	Yates corrected: 12.90	0.0003287 ---

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 1.16 (1.09 <OR< 1.24)
+| 1077 | 5717 | 6794 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 1.14 (1.08 <RR< 1.20)
-| 28121 |173680 |201801 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 29198 179397 208595

	Chi-Squares	P-values
x	-----	-----
p		
o	Uncorrected : 20.07	0.0000075 ---
s	Mantel-Haenszel: 20.07	0.0000075 ---
u	Yates corrected: 19.91	0.0000081 ---

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.39 (0.98 <OR< 1.95)
 +| 37 | 5717 | 5754 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.39 (1.00 <RR< 1.92)
 -| 810 |173680 |174490 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 847 179397 180244
 x Chi-Squares P-values
 p -----
 o Uncorrected : 3.81 0.0509970
 s Mantel-Haenszel: 3.81 0.0509976
 u Yates corrected: 3.44 0.0638040

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.21 (0.84 <OR< 1.72)
 +| 34 | 5717 | 5751 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.21 (0.86 <RR< 1.70)
 -| 856 |173680 |174536 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 890 179397 180287
 x Chi-Squares P-values
 p -----
 o Uncorrected : 1.15 0.2834098
 s Mantel-Haenszel: 1.15 0.2834111
 u Yates corrected: 0.95 0.3285287

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 1.01 (0.82 <OR< 1.24)
 +| 98 | 5717 | 5815 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 1.01 (0.82 <RR< 1.23)
 -| 2958 |173680 |176638 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 3056 179397 182453
 x Chi-Squares P-values
 p -----
 o Uncorrected : 0.00 0.9501859
 s Mantel-Haenszel: 0.00 0.9501860
 u Yates corrected: 0.00 0.9915856

+ Disease - Analysis of Single Table
 +-----+-----+ Odds ratio = 0.87 (0.72 <OR< 1.05)
 +| 114 | 5717 | 5831 Cornfield 95% confidence limits for OR
 +-----+-----+ Relative risk = 0.87 (0.73 <RR< 1.05)
 -| 3981 |173680 |177661 Taylor Series 95% confidence limits for RR
 +-----+-----+ Ignore relative risk if case control study.
 E 4095 179397 183492
 x Chi-Squares P-values
 p -----
 o Uncorrected : 2.11 0.1461201
 s Mantel-Haenszel: 2.11 0.1461212
 u Yates corrected: 1.98 0.1590353

+ Disease - Analysis of Single Table
+-----+-----+ Odds ratio = 0.99 (0.77 <OR< 1.27)
+| 68 | 5717 | 5785 Cornfield 95% confidence limits for OR
+-----+-----+ Relative risk = 0.99 (0.78 <RR< 1.26)
-| 2091 |173680 |175771 Taylor Series 95% confidence limits for RR
+-----+-----+ Ignore relative risk if case control study.
E 2159 179397 181556
x Chi-Squares P-values
p ----- -----
o Uncorrected : 0.01 0.9221106
s Mantel-Haenszel: 0.01 0.9221108
u Yates corrected: 0.00 0.9711703